



SVARN
Inspired by possibilities

Cables built to weather any storm

MARINE & OFFSHORE CABLES
for Defence Power & Control Applications



SVARN GROUP

TELECOM | AUTOMOTIVE | **DEFENCE** | RAILWAYS | POWER | PROJECTS

**SVARN MARINE & OFFSHORE CABLES
FOR DEFENCE POWER & CONTROL APPLICATIONS**

Guaranteed for higher efficiency and protection

Drawing upon almost two decades of experience in the cable industry, Svarn brings a wealth of expertise to the development of cables for marine vessels and offshore facilities. Our comprehensive understanding of the intricacies of the marine and offshore sector enables us to address industry-specific challenges with precision.

From essential power cables to intricate control and communication systems, Svarn's products are meticulously engineered using advanced materials capable of withstanding the harsh elements at sea, such as cold, humidity, saltwater corrosion, oil exposure, vibration, and more.

Adhering to rigorous safety protocols, Svarn ensures that these cables meet both domestic and international quality standards, safeguarding the safety and integrity of your marine and offshore assets.



ABOUT US

At Svarn, we're pioneers in turning big ideas into real-world solutions. Our legacy of innovation, rooted in the essence of "Svarn" or Gold, has thrived since 2005. With over 3,000 dedicated employees, we're constantly pushing the boundaries of technology to benefit our customers and society. Our impact spans across six key industries, supported by seven cutting-edge manufacturing facilities and global offices in strategic locations. Through relentless innovation, we're shaping a prosperous and sustainable future — **inspired by possibilities.**



Know more at www.svarn.com

MGCH

SVARN HALOGEN-FREE EPR INSULATED SCREENED OFFSHORE CABLE

Svarn halogen-free EPR insulated screened offshore cables are designed for fixed wiring between components, instruments and electrical equipment in marine vehicles. They are installed above the upper deck of marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed bare copper conductor
- HEPR (Halogen free) insulation
- HEPR (Halogen free) inner sheath
- Glass mica tape separator
- Electrolytic copper braid screening
- Copper tape screening
- Glass Mica tape separator
- Halogen free flame retardant outer sheath

TECHNICAL DATA

- Nominal voltage: 600 / 1000 volts
- Test voltage: 3500 volts
- Temperature range: -40°C to +120°C
- Bending radius: 8x Cable Dia

FEATURES

- UV resistant
- Sunlight resistant
- Flame & fire retardant ft2
- Halogen free
- Heat & moisture resistant
- Oil/ gasoline resistant
- RoHS compliant

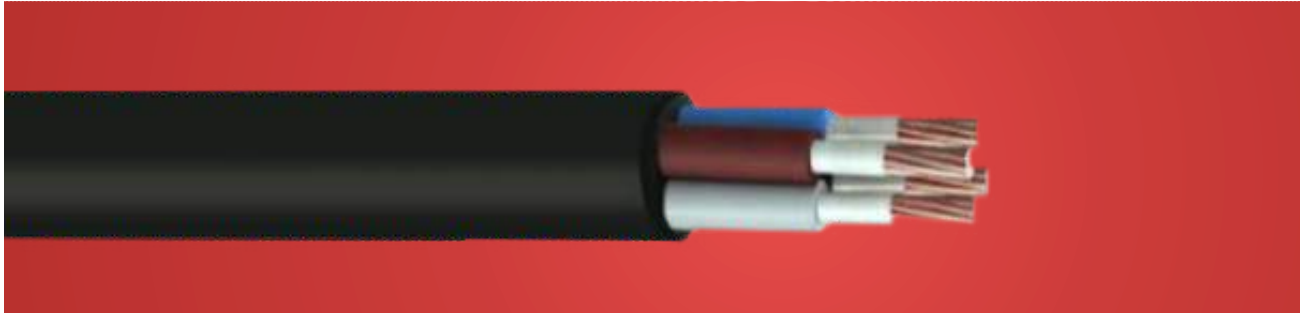
ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCMGCH1C1.5	1.5	1	6.6	116
FGCBPCMGCH1C2.5	2.5	1	7.1	121
FGCBPCMGCH1C4	4	1	7.6	141
FGCBPCMGCH1C6	6	1	8.6	171
FGCBPCMGCH1C10	10	1	9.6	221
FGCBPCMGCH1C16	16	1	10.2	301
FGCBPCMGCH1C25	25	1	12.2	411
FGCBPCMGCH1C35	35	1	13.2	511
FGCBPCMGCH1C50	50	1	15.2	601
FGCBPCMGCH1C70	70	1	17.2	961
FGCBPCMGCH1C95	95	1	19.2	1231
FGCBPCMGCH1C120	120	1	21.2	1471
FGCBPCMGCH1C150	150	1	23.2	1811
FGCBPCMGCH1C185	185	1	25.7	2221

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCMGCH1C240	240	1	28.7	2831
FGCBPCMGCH1C300	300	1	31.2	3501
FGCBPCMGCH2C1.5	1.5	2	11.2	211
FGCBPCMGCH2C2.5	2.5	2	12.2	251
FGCBPCMGCH2C4	4	2	13.2	311
FGCBPCMGCH2C6	6	2	14.7	411
FGCBPCMGCH2C10	10	2	17.2	531
FGCBPCMGCH2C16	16	2	19.7	741
FGCBPCMGCH2C25	25	2	22.7	1051
FGCBPCMGCH3C1.5	1.5	3	12.2	241
FGCBPCMGCH3C2.5	2.5	3	12.7	291
FGCBPCMGCH3C4	4	3	13.7	361
FGCBPCMGCH3C6	6	3	15.7	481
FGCBPCMGCH3C10	10	3	17.7	651
FGCBPCMGCH3C16	16	3	19.7	901
FGCBPCMGCH3C25	25	3	23.7	1311
FGCBPCMGCH3C35	35	3	26.2	1711
FGCBPCMGCH3C50	50	3	29.2	2211
FGCBPCMGCH3C70	70	3	34.7	3081
FGCBPCMGCH3C95	95	3	39.2	4111
FGCBPCMGCH3C120	120	3	43.2	5001
FGCBPCMGCH4C1.5	1.5	4	12.7	271
FGCBPCMGCH4C2.5	2.5	4	13.7	331
FGCBPCMGCH4C4	4	4	15.2	461
FGCBPCMGCH4C6	6	4	16.7	571
FGCBPCMGCH4C10	10	4	19.2	811
FGCBPCMGCH4C16	16	4	21.2	1121
FGCBPCMGCH4C25	25	4	26.2	1661
FGCBPCMGCH4C35	35	4	28.7	2151
FGCBPCMGCH4C50	50	4	32.7	2781
FGCBPCMGCH4C70	70	4	38.7	3961
FGCBPCMGCH4C95	95	4	44.2	5221
FGCBPCMGCH5C1.5	1.5	5	13.7	321
FGCBPCMGCH7C1.5	1.5	7	14.2	411
FGCBPCMGCH10C1.5	1.5	10	16.7	481
FGCBPCMGCH12C1.5	1.5	12	18.2	531
FGCBPCMGCH14C1.5	1.5	14	18.7	591
FGCBPCMGCH16C1.5	1.5	16	19.7	661
FGCBPCMGCH19C1.5	1.5	19	20.7	741
FGCBPCMGCH24C1.5	1.5	24	23.7	911

MGH

SVARN HALOGEN-FREE EPR INSULATED SHEATHED OFFSHORE CABLE

Svarn halogen-free EPR insulated sheathed offshore cables are designed for fixed wiring between components, instruments and electrical equipment in marine vehicles. They are installed beneath the lower deck of marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed bare copper conductor
- HEPR (Halogen free) insulation
- HEPR (Halogen free) inner sheath
- Halogen free flame retardant outer sheath

TECHNICAL DATA

- Nominal voltage: 600 / 1000 volts
- Test voltage: 3500 volts
- Temperature range: -40°C to +120°C
- Bending radius: 8x Cable Dia

FEATURES

- UV resistant
- Sunlight resistant
- Flame & fire retardant FT2
- Halogen free
- Heat & moisture resistant
- Oil/ gasoline resistant
- RoHS compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCMGH1C1.5	1.5	1	4.6	92
FGCBPCMGH1C2.5	2.5	1	5.1	102
FGCBPCMGH1C4	4	1	6.1	112
FGCBPCMGH1C6	6	1	7.6	142
FGCBPCMGH1C10	10	1	8.6	182
FGCBPCMGH1C16	16	1	9.6	252
FGCBPCMGH1C25	25	1	11.1	352
FGCBPCMGH1C35	35	1	12.1	452
FGCBPCMGH1C50	50	1	13.6	592
FGCBPCMGH1C70	70	1	15.6	842
FGCBPCMGH1C95	95	1	17.6	1092
FGCBPCMGH1C120	120	1	19.6	1352
FGCBPCMGH1C150	150	1	21.6	1652
FGCBPCMGH1C185	185	1	23.6	2022

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCMUGH1C240	240	1	26.6	2622
FGCBPCMUGH1C300	300	1	29.6	3262
FGCBPCMUGH2C1.5	1.5	2	10.1	162
FGCBPCMUGH2C2.5	2.5	2	11.1	202
FGCBPCMUGH2C4	4	2	12.1	252
FGCBPCMUGH2C6	6	2	13.1	312
FGCBPCMUGH2C10	10	2	15.6	442
FGCBPCMUGH2C16	16	2	17.6	622
FGCBPCMUGH2C25	25	2	21.1	912
FGCBPCMUGH3C1.5	1.5	3	10.6	192
FGCBPCMUGH3C2.5	2.5	3	11.6	242
FGCBPCMUGH3C4	4	3	12.6	302
FGCBPCMUGH3C6	6	3	14.1	382
FGCBPCMUGH3C10	10	3	16.6	542
FGCBPCMUGH3C16	16	3	18.6	782
FGCBPCMUGH3C25	25	3	22.1	1162
FGCBPCMUGH3C35	35	3	24.6	1532
FGCBPCMUGH3C50	50	3	28.1	2002
FGCBPCMUGH3C70	70	3	33.1	2832
FGCBPCMUGH3C95	95	3	37.1	3742
FGCBPCMUGH3C120	120	3	41.1	4642
FGCBPCMUGH4C1.5	1.5	4	11.1	232
FGCBPCMUGH4C2.5	2.5	4	12.1	282
FGCBPCMUGH4C4	4	4	13.6	382
FGCBPCMUGH4C6	6	4	15.6	472
FGCBPCMUGH4C10	10	4	18.1	692
FGCBPCMUGH4C16	16	4	21.1	982
FGCBPCMUGH4C25	25	4	24.6	1492
FGCBPCMUGH4C35	35	4	27.1	1952
FGCBPCMUGH4C50	50	4	31.1	2552
FGCBPCMUGH4C70	70	4	36.6	3592
FGCBPCMUGH4C95	95	4	41.1	4792
FGCBPCMUGH5C1.5	1.5	5	12.1	262
FGCBPCMUGH7C1.5	1.5	7	13.1	322
FGCBPCMUGH10C1.5	1.5	10	15.6	392
FGCBPCMUGH12C1.5	1.5	12	16.1	442
FGCBPCMUGH14C1.5	1.5	14	17.1	502
FGCBPCMUGH16C1.5	1.5	16	18.1	562
FGCBPCMUGH19C1.5	1.5	19	19.6	642
FGCBPCMUGH24C1.5	1.5	24	22.1	792

MGSGO

SVARN HALOGEN-FREE EPR INSULATED SCREENED OFFSHORE CABLE

Svarn halogen-free EPR insulated screened offshore cables are designed for fixed wiring between components, instruments and electrical equipment in marine vehicles. They are installed over the upper deck of marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed bare copper conductor
- HEPR (Halogen free) insulation
- Al-Mylar tape screening
- Electrolytic copper braided screening
- Polyester tape separator
- Halogen free flame retardant outer sheath

TECHNICAL DATA

- Nominal voltage: 600 / 1000 volts
- Test voltage: 3500 volts
- Temperature range: -40°C to +120°C
- Bending radius: 5x cable dia

FEATURES

- UV resistant
- Sunlight resistant
- Flame & fire retardant FT2
- Halogen free
- Heat & moisture resistant
- Oil/ gasoline resistant
- RoHS compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCMGSGO1C4	4	1	9.1	202
FGCBPCMGSGO1C6	6	1	10.1	232
FGCBPCMGSGO1C10	10	1	11.1	292
FGCBPCMGSGO1C16	16	1	12.1	372
FGCBPCMGSGO1C25	25	1	14.1	512
FGCBPCMGSGO1C35	35	1	15.6	622
FGCBPCMGSGO1C50	50	1	17.6	792
FGCBPCMGSGO1C70	70	1	19.6	1042
FGCBPCMGSGO1C95	95	1	22.1	1362

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCMGS01C120	120	1	23.5	1612
FGCBPCMGS01C150	150	1	26.1	1912
FGCBPCMGS01C185	185	1	28.6	2632
FGCBPCMGS01C240	240	1	31.6	3012
FGCBPCMGS01C300	300	1	34.6	3662
FGCBPCMGS02C1.5	1.5	2	15.1	372
FGCBPCMGS02C2.5	2.5	2	16.1	432
FGCBPCMGS02C4	4	2	17.1	492
FGCBPCMGS02C6	6	2	18.6	602
FGCBPCMGS02C10	10	2	20.1	752
FGCBPCMGS02C16	16	2	22.6	972
FGCBPCMGS02C25	25	2	26.6	1332
FGCBPCMGS03C1.5	1.5	3	15.6	412
FGCBPCMGS03C2.5	2.5	3	16.6	472
FGCBPCMGS03C4	4	3	18.1	552
FGCBPCMGS03C6	6	3	19.1	672
FGCBPCMGS03C10	10	3	21.6	872
FGCBPCMGS03C16	16	3	24.1	1142
FGCBPCMGS03C25	25	3	28.1	1642
FGCBPCMGS03C35	35	3	31.1	2052
FGCBPCMGS03C50	50	3	35.1	2642
FGCBPCMGS03C70	70	3	39.1	3512
FGCBPCMGS03C95	95	3	45.6	4772
FGCBPCMGS03C120	120	3	49.6	5742
FGCBPCMGS04C4	4	4	19.1	652
FGCBPCMGS04C6	6	4	11.1	782
FGCBPCMGS04C10	10	4	12.1	1042
FGCBPCMGS04C16	16	4	13.6	1432
FGCBPCMGS04C25	25	4	15.6	2032
FGCBPCMGS04C35	35	4	18.1	2562
FGCBPCMGS04C50	50	4	38.6	3312
FGCBPCMGS04C70	70	4	44.1	4512
FGCBPCMGS04C95	95	4	50.6	5992

MPRX

SVARN E-BEAM XLPE INSULATED OFFSHORE CABLE

Svarn E-Beam XLPE insulated offshore cables are designed for fixed wiring between components, instruments and electrical equipment in marine vehicles. They are installed beneath the lower deck of marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed bare copper conductor
- Electron Beam Cross Linked Polyethylene (EBXLPE) insulation
- Halogen free flame retardant outer sheath

TECHNICAL DATA

- Nominal voltage: 600 / 1000 volts
- Test voltage: 3500 volts
- Temperature range: -40°C to +120°C
- Bending radius: 8x cable dia

FEATURES

- UV resistant
- Sunlight resistant
- Flame & fire retardant FT2
- Halogen free
- Heat & moisture resistant
- Oil/ gasoline resistant
- RoHS compliant

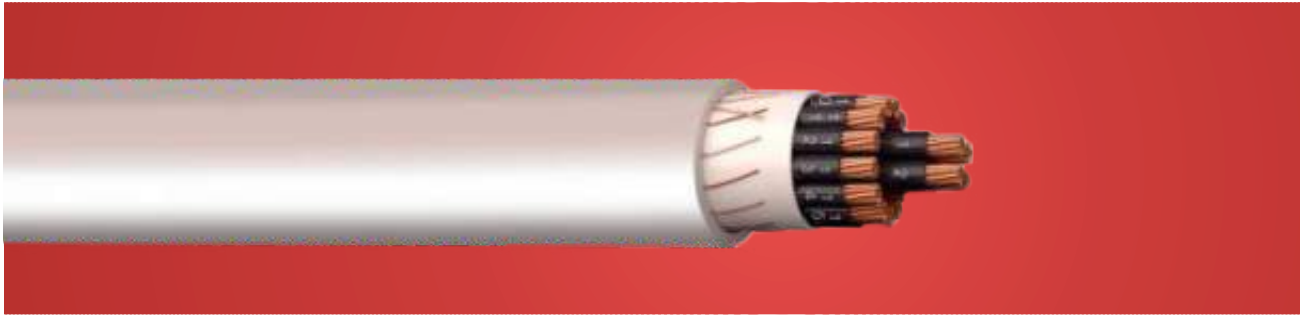
ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCMPRX1C4	4	1	6	80
FGCBPCMPRX1C6	6	1	6.5	102
FGCBPCMPRX1C10	10	1	7.4	146
FGCBPCMPRX1C16	16	1	8.3	212
FGCBPCMPRX1C25	25	1	10.2	312
FGCBPCMPRX1C35	35	1	11.2	412
FGCBPCMPRX1C50	50	1	12.9	562
FGCBPCMPRX1C70	70	1	15	772
FGCBPCMPRX1C95	95	1	16.8	1022
FGCBPCMPRX1C120	120	1	18.7	1272

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCMPRX1C150	150	1	20.8	1592
FGCBPCMPRX1C185	185	1	23	1962
FGCBPCMPRX1C240	240	1	25.8	2502
FGCBPCMPRX2C1.5	1.5	2	7.9	112
FGCBPCMPRX2C2.5	2.5	2	9	142
FGCBPCMPRX2C4	4	2	10	192
FGCBPCMPRX2C6	6	2	11	242
FGCBPCMPRX2C10	10	2	13.1	342
FGCBPCMPRX2C16	16	2	15.2	502
FGCBPCMPRX2C25	25	2	17.7	752
FGCBPCMPRX3C1.5	1.5	3	8.4	132
FGCBPCMPRX3C2.5	2.5	3	9.5	172
FGCBPCMPRX3C4	4	3	10.5	222
FGCBPCMPRX3C6	6	3	11.9	292
FGCBPCMPRX3C10	10	3	13.9	442
FGCBPCMPRX3C16	16	3	16.2	632
FGCBPCMPRX3C25	25	3	19.9	1002
FGCBPCMPRX3C35	35	3	21.4	1322
FGCBPCMPRX3C50	50	3	24.8	1752
FGCBPCMPRX3C70	70	3	27.4	2522
FGCBPCMPRX3C95	95	3	31.2	3367
FGCBPCMPRX3C120	120	3	34.6	4202
FGCBPCMPRX4C1.5	1.5	4	9.3	152
FGCBPCMPRX4C2.5	2.5	4	10.4	212
FGCBPCMPRX4C4	4	4	11.7	277
FGCBPCMPRX4C6	6	4	12.7	377
FGCBPCMPRX4C10	10	4	15.5	567
FGCBPCMPRX4C16	16	4	18	827
FGCBPCMPRX4C25	25	4	22.1	1252
FGCBPCMPRX4C35	35	4	24	1702
FGCBPCMPRX4C50	50	4	27.9	2342

MPRXCX

SVARN E-BEAM XLPE INSULATED SCREENED OFFSHORE CABLE

Svarn E-Beam XLPE insulated screened offshore cables are designed for fixed wiring between components, instruments and electrical equipment in marine vehicles. They are installed over the upper deck of marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed bare copper conductor
- Electron Beam Cross Linked Polyethylene (EBXLPE) insulation
- Polyester tape separator
- Electrolytic copper braided screening
- Halogen free flame retardant outer sheath

TECHNICAL DATA

- Nominal voltage: 600 / 1000 volts
- Test voltage: 3500 volts
- Temperature range: -40°C to +120°C
- Bending radius: 8x cable dia

FEATURES

- UV resistant
- Sunlight resistant
- Flame & fire retardant FT2
- Halogen free
- Heat & moisture resistant
- Oil/ gasoline resistant
- RoHS compliant

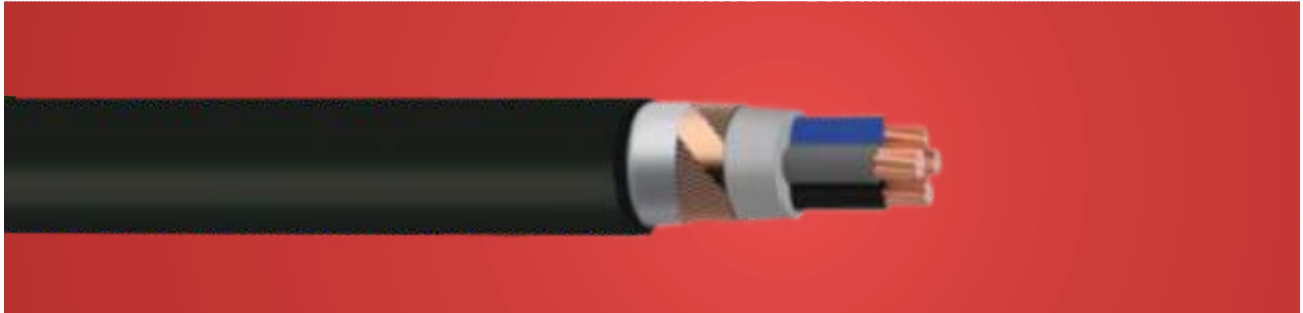
ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCMPRXCX1C4	4	1	7.4	137
FGCBPCMPRXCX1C6	6	1	7.9	162
FGCBPCMPRXCX1C10	10	1	9	212
FGCBPCMPRXCX1C16	16	1	9.9	282
FGCBPCMPRXCX1C25	25	1	11.8	412
FGCBPCMPRXCX1C35	35	1	12.8	512
FGCBPCMPRXCX1C50	50	1	14.9	692
FGCBPCMPRXCX1C70	70	1	17	962
FGCBPCMPRXCX1C95	95	1	18.8	1232
FGCBPCMPRXCX1C120	120	1	20.7	1472
FGCBPCMPRXCX1C150	150	1	22.8	1872

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCMPRXCX1C185	185	1	25	2222
FGCBPCMPRXCX1C240	240	1	27.3	2832
FGCBPCMPRXCX2C1.5	1.5	2	4	162
FGCBPCMPRXCX2C2.5	2.5	2	10.3	192
FGCBPCMPRXCX2C4	4	2	11.5	237
FGCBPCMPRXCX2C6	6	2	12.7	322
FGCBPCMPRXCX2C10	10	2	14.9	339
FGCBPCMPRXCX2C16	16	2	17	592
FGCBPCMPRXCX2C25	25	2	20.5	872
FGCBPCMPRXCX3C1.5	1.5	3	10	192
FGCBPCMPRXCX3C2.5	2.5	3	10.9	232
FGCBPCMPRXCX3C4	4	3	12.1	282
FGCBPCMPRXCX3C6	6	3	13.3	392
FGCBPCMPRXCX3C10	10	3	15.8	552
FGCBPCMPRXCX3C16	16	3	18.1	782
FGCBPCMPRXCX3C25	25	3	21.8	982
FGCBPCMPRXCX3C35	35	3	23.8	1502
FGCBPCMPRXCX3C50	50	3	26.6	1902
FGCBPCMPRXCX3C70	70	3	29.2	2712
FGCBPCMPRXCX3C95	95	3	33	3562
FGCBPCMPRXCX3C120	120	3	36.8	4362
FGCBPCMPRXCX4C1.5	1.5	4	10.7	232
FGCBPCMPRXCX4C2.5	2.5	4	12	272
FGCBPCMPRXCX4C4	4	4	13.1	382
FGCBPCMPRXCX4C6	6	4	14.7	482
FGCBPCMPRXCX4C10	10	4	17.4	702
FGCBPCMPRXCX4C16	16	4	19.9	982
FGCBPCMPRXCX4C25	25	4	24	1502
FGCBPCMPRXCX4C35	35	4	25.8	1962
FGCBPCMPRXCX4C50	50	4	29.7	2532

FMGCH

SVARN HALOGEN-FREE EPR INSULATED SCREENED OFFSHORE CABLE

Svarn Halogen-free EPR insulated screened offshore cables are designed for fixed wiring between components, instruments and electrical equipment in marine vehicles. They are installed for both the upper deck & lower deck of marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed bare copper conductor
- Halogen free (HEPR) insulation
- Glass Mica tape separator
- Electrolytic copper braided screening
- Glass Mica tape separator
- Halogen free flame retardant outer sheath

TECHNICAL DATA

- Nominal voltage: 250 volts
- Test voltage: 1500 volts
- Temperature range: -40°C to +120°C
- Bending radius: 8x cable dia

FEATURES

- UV resistant
- Sunlight resistant
- Flame & fire retardant FT2
- Halogen free
- Heat & moisture resistant
- Oil/ gasoline resistant
- RoHS compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	NOMINAL PAIRS	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCFMGCH1P0.75	0.75	1 X 2	8.6	122
FGCBPCFMGCH2P0.75	0.75	2 X 2	9.1	162
FGCBPCFMGCH4P0.75	0.75	4 X 2	13.1	262
FGCBPCFMGCH7P0.75	0.75	7 X 2	15.6	372
FGCBPCFMGCH10P0.75	0.75	10 X 2	18.6	502
FGCBPCFMGCH14P0.75	0.75	14 X 2	21.1	642
FGCBPCFMGCH19P0.75	0.75	19 X 2	24.1	802
FGCBPCFMGCH24P0.75	0.75	24 X 2	27.1	982

FMGCH

SVARN E-BEAM XLPO INSULATED SCREENED OFFSHORE CABLE

Svarn E-Beam XLPO insulated screened cables are designed for fixed wiring between components, instruments and electrical equipment in marine vehicles. They are installed for both the upper deck & lower deck of marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed bare copper conductor
- Electron Beam Cross Linked Polyolefin (EBXLPO) insulation
- Electrolytic copper braided screening
- Polyester tape separator
- Electron Beam Cross Linked Polyolefin outer sheath

TECHNICAL DATA

- Nominal voltage: 250 volts
- Test voltage: 1500 volts
- Temperature range: -40°C to +120°C
- Bending radius: 5x cable dia

FEATURES

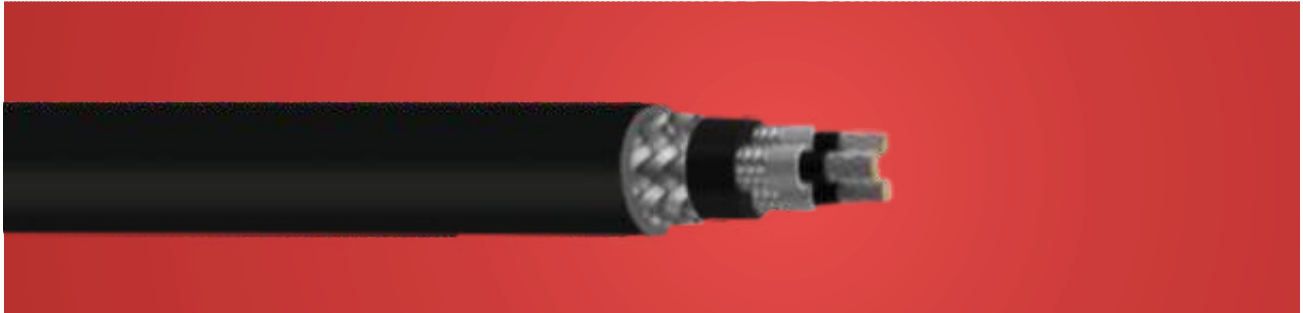
- UV resistant
- Sunlight resistant
- Fire resistant
- Heat & moisture resistant
- Oil/ gasoline resistant
- RoHS compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	NOMINAL PAIRS	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCFMGSGO2P0.75	0.75	2 X 2	9.1	142
FGCBPCFMGSGO4P0.75	0.75	4 X 2	12.6	222
FGCBPCFMGSGO6P0.75	0.75	6 X 2	14.6	292
FGCBPCFMGSGO8P0.75	0.75	8 X 2	15.6	342
FGCBPCFMGSGO10P0.75	0.75	10 X 2	17.1	412
FGCBPCFMGSGO14P0.75	0.75	14 X 2	18.6	497
FGCBPCFMGSGO16P0.75	0.75	16 X 2	20.1	552

FMSGSGO

SVARN EPR INSULATED DUAL SCREENED OFFSHORE CABLE

Svarn EPR insulated dual screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles. They are installed for both the upper deck & lower deck of marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Bare Copper Conductor
- Ethylene Propylene Rubber (EPR) Insulation
- Glass Mica Tape Separator
- Electrolytic Copper Braided Screening
- Glass Mica Tape Separator
- Electrolytic Copper Braided Screening
- Polyester Tape Separator
- Halogen Free Flame Retardant Outer Sheath

TECHNICAL DATA

- Nominal Voltage : 600 / 1000 Volts
- Test Voltage : 3500 Volts
- Temperature Range : -40°C To +120°C
- Bending Radius : 5X Cable Dia

FEATURES

- UV Resistant
- Sunlight Resistant
- Fire Resistant
- Halogen Free
- Heat & Moisture Resistant
- Oil/ Gasoline Resist
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	NOMINAL PAIRS	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCFMSGSGO2P0.75	0.75	2 X 2	14.1	252
FGCBPCFMSGSGO4P0.75	0.75	4 X 2	17.1	372
FGCBPCFMSGSGO7P0.75	0.75	7 X 2	20.1	532
FGCBPCFMSGSGO11P0.75	0.75	11 X 2	27.1	812
FGCBPCFMSGSGO14P0.75	0.75	14 X 2	28.1	982
FGCBPCFMSGSGO19P0.75	0.75	19 X 2	32.1	1332
FGCBPCFMSGSGO24P0.75	0.75	24 X 2	37.1	1632

LMGSGO

SVARN EPR INSULATED HFFR SHEATHED OFFSHORE CABLE

Svarn EPR insulated HFFR sheathed offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles. They are installed for both the upper deck & lower deck of marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Copper Conductor
- Ethylene Propylene Rubber (EPR) Insulation
- Halogen Free Inner Sheath
- Electrolytic Copper Braided Screening
- Polyester Tape Separator
- Halogen Free Flame Retardant Outer Sheath

TECHNICAL DATA

- Nominal Voltage : 600 / 1000 Volts
- Test Voltage : 3500 Volts
- Temperature Range : -40°C To +120°C
- Bending Radius : 5X Cable Dia

FEATURES

- UV Resistant
- Sunlight Resistant
- Flame Retardant
- Halogen Free
- Heat & Moisture Resistant
- Oil/ Gasoline Resist
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCLMGSGO2C1.5	1.5	2	9.1	142
FGCBPCLMGSGO3C1.5	1.5	3	9.6	172
FGCBPCLMGSGO4C1.5	1.5	4	10.1	202
FGCBPCLMGSGO5C1.5	1.5	5	10.6	212
FGCBPCLMGSGO7C1.5	1.5	7	11.6	262
FGCBPCLMGSGO10C1.5	1.5	10	14.1	342
FGCBPCLMGSGO12C1.5	1.5	12	14.6	382
FGCBPCLMGSGO14C1.5	1.5	14	15.1	432
FGCBPCLMGSGO16C1.5	1.5	16	16.1	482
FGCBPCLMGSGO19C1.5	1.5	19	16.6	542
FGCBPCLMGSGO24C1.5	1.5	24	19.1	652
FGCBPCLMGSGO27C1.5	1.5	27	19.6	712
FGCBPCLMGSGO33C1.5	1.5	33	21.1	842
FGCBPCLMGSGO2C2.5	2.5	2	10.1	192
FGCBPCLMGSGO3C2.5	2.5	3	10.6	222
FGCBPCLMGSGO4C2.5	2.5	4	11.6	262
FGCBPCLMGSGO6C2.5	2.5	6	13.1	332
FGCBPCLMGSGO7C2.5	2.5	7	13.6	352

LFMGSSGO

SVARN E-BEAM XLPO INSULATED SCREENED OFFSHORE CABLE

Svarn E-Beam XLPO insulated screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles. They are installed for both the upper deck & lower deck of marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Bare Copper Conductor
- Electron Beam Cross Linked Polyolefin (EBXLPO) Insulation
- Halogen Free Inner Sheath
- Tinned Double Copper Braided Screening
- Polyester Tape Separator
- Elastomer Based Compound Outer Sheath

TECHNICAL DATA

- Nominal Voltage : 250 Volts
- Test Voltage : 1500 Volts
- Temperature Range : -40°C To +120°C
- Bending Radius : 6X Cable Dia

FEATURES

- UV Resistant
- Sunlight Resistant
- Fire Resistant
- Halogen Free
- Heat & Moisture Resistant
- Oil/ Gasoline Resist
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	NOMINAL PAIRS	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCLFMGSSGO2P0.4	0.4	2 X 2	8.1	127
FGCBPCLFMGSSGO4P0.4	0.4	4 X 2	10.6	177
FGCBPCLFMGSSGO7P0.4	0.4	7 X 2	12.6	252
FGCBPCLFMGSSGO12P0.4	0.4	12 X 2	15.6	352
FGCBPCLFMGSSGO192P0.4	0.4	19 X 2	18.1	447
FGCBPCLFMGSSGO27P0.4	0.4	27 X 2	20.6	572

LFMSGSSGO

SVARN E-BEAM XLPO INSULATED DOUBLE SCREENED OFFSHORE CABLE

Svarn E-Beam XLPO insulated double screened offshore cables are designed for fixed wiring between components, instruments vehicles. They are installed for both the upper deck & lower deck of marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Bare Copper Conductor
- Electron Beam Cross Linked Polyolefin (EBXLPO) Insulation
- Tinned Copper Pair Braided Screening
- Polyester Tape Separator
- Polyester Tape Inner Sheath
- Tinned Copper Braided Screening
- Polyester Tape Separator
- Tinned Copper Braided Overall Screening
- Polyester Tape Separator
- Elastomer Based Compound Outer Sheath

TECHNICAL DATA

- Nominal Voltage : 250 Volts
- Test Voltage : 1500 Volts
- Temperature Range : -40°C To +120°C
- Bending Radius : 6X Cable Dia

FEATURES

- UV Resistant
- Sunlight Resistant
- Fire Resistant
- Halogen Free
- Heat & Moisture Resistant
- Oil/ Gasoline Resist
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	NOMINAL TRIAD	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPLFMSGSSGOC5T0.4	0.4	5 X 3	16.1	452
FGCBPLFMSGSSGOC5T0.4	0.4	12 X 3	23.1	772

WIRING CABLE SY STRANDED TYPE SVARN PVC INSULATED OVERALL SCREENED OFFSHORE CABLE

Svarn PVC insulated overall screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles. They are installed for both the upper deck & lower deck of marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed bare copper conductor.
- PVC insulation
- PVC inner sheath
- Galvanized steel wire braided overall screening
- Outer sheath according to DIN VDE 0207

TECHNICAL DATA

- Nominal voltage : 250 volts
- Test voltage : 1500 volts
- Temperature range : -40°C to +70°C
- Bending radius : 7.5X cable dia

FEATURES

- UV resistant
- Sunlight resistant
- Flame resistant
- Self extinguish
- Chemical resistant
- Heat & moisture Resistant
- Oil/ gasoline resist
- ROHS compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPYSYC2C1.5	1.5	2	9.8	178
FGCBPYSYC3C1.5	1.5	3	10.2	198
FGCBPYSYC4C1.5	1.5	4	10.9	230
FGCBPYSYC5C1.5	1.5	5	11.7	262
FGCBPYSYC7C1.5	1.5	7	13.4	331
FGCBPYSYC3C2.5	2.5	3	11.7	263
FGCBPYSYC4C2.5	2.5	4	13.4	340
FGCBPYSYC5C2.5	2.5	5	14.4	387
FGCBPYSYC4C4	4	4	16.3	390
FGCBPYSYC5C4	4	5	17.6	567
FGCBPYSYC4C6	6	4	18.5	627
FGCBPYSYC5C6	6	5	19.8	746

WIRING CABLE SY

SVARN PVC INSULATED SCREENED OFFSHORE CABLE

Svarn PVC insulated screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles. They are installed for both the upper deck & lower deck of marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Bare Copper Conductor
- PVC Insulation
- Tinned Steel Wire Braided Screening
- PVC Inner Sheath

TECHNICAL DATA

- Nominal Voltage : 250 Volts
- Test Voltage : 1500 Volts
- Temperature Range : -40°C To +70°C
- Bending Radius : 7.5X Cable Dia

FEATURES

- UV Resistant
- Sunlight Resistant
- Fire Resistant
- Chemical Resistant
- Self Extinguish
- Oil/ Gasoline Resist
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPSYC1C6	6	1	8.4	180
FGCBPSYC1C10	10	1	10.4	253
FGCBPSYC1C16	16	1	10.4	325
FGCBPSYC1C25	25	1	13.8	479
FGCBPSYC1C35	35	1	15.3	597
FGCBPSYC1C50	50	1	18.2	820
FGCBPSYC1C70	70	1	22.9	1123
FGCBPSYC1C95	95	1	14.4	1417

XLFMKK

SVARN PVC INSULATED OVERALL SCREENED OFFSHORE CABLE

Svarn PVC insulated overall screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles. They are installed above the upper deck of marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Bare Copper Conductor
- PVC Insulation
- Glass Mica Tape Separator
- Electrolytic Copper Braided Pair Screening
- Al Mylar Tape Separator
- PVC Inner Sheath
- Water Blocking Tape Separator
- Electrolytic Copper Braided Overall Screening
- Flame Retardant PVC Outer Sheath

TECHNICAL DATA

- Nominal Voltage : 250 Volts
- Test Voltage : 1500 Volts
- Temperature Range : -40°C To +85°C
- Bending Radius : 5X Cable Dia

FEATURES

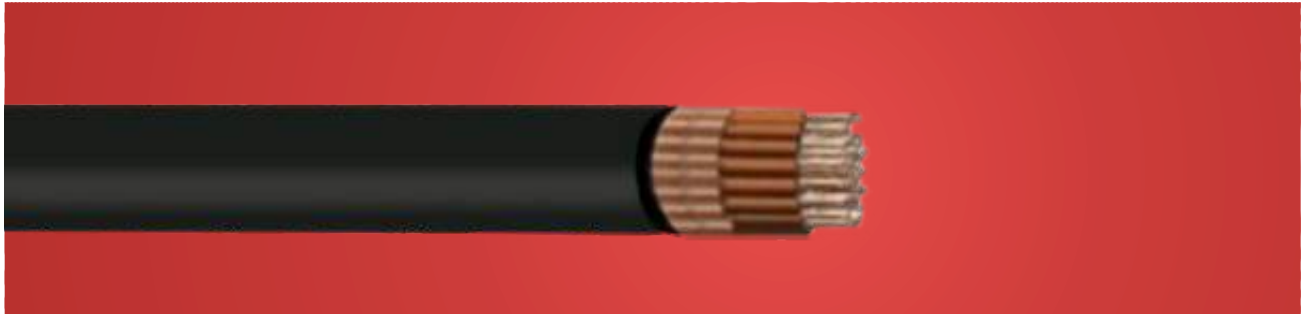
- UV Resistant
- Sunlight Resistant
- Fire Resistant
- Heat & Moisture Resistant
- Oil/ Gasoline Resist
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	NOMINAL PAIRS	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPXLFMKKC2P0.75	0.75	2 X 2	16.1	402
FGCBPXLFMKKC4P0.75	0.75	4 X 2	18.1	522
FGCBPC11XLFMKKP0.75	0.75	11 X 2	26.3	1112

LKM-HF

SVARN XLPE INSULATED OFFSHORE CABLE

Svarn XLPE insulated offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Bare Copper Conductor
- XLPE (Cross Linked Polyethylene) Insulation
- Separator Tape Bedding
- Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Nominal Voltage : 600 / 1000 Volts
- Test Voltage : 3500 Volts
- Temperature Range : -40°C To +120°C

FEATURES

- UV Resistant
- Sunlight Resistant
- Flame Retardant
- Halogen Free
- Low Smoke Emission
- Heat & Moisture Resistant
- Oil/ Gasoline Resist
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCLKM-HF1C6	6	1	7.43	104
FGCBPCLKM-HF1C10	10	1	8.44	148
FGCBPCLKM-HF1C16	16	1	9.46	205
FGCBPCLKM-HF1C25	25	1	11.08	302
FGCBPCLKM-HF1C35	35	1	12.27	398
FGCBPCLKM-HF1C50	50	1	14	547
FGCBPCLKM-HF1C70	70	1	15.94	741
FGCBPCLKM-HF1C95	95	1	17.89	975
FGCBPCLKM-HF1C120	120	1	19.72	1214
FGCBPCLKM-HF1C150	150	1	21.77	1504
FGCBPCLKM-HF1C185	185	1	24.15	1845
FGCBPCLKM-HF1C240	240	1	26.96	2358
FGCBPCLKM-HF1C300	300	1	30.2	2925
FGCBPCLKM-HF2C1.5	1.5	2	8.79	96
FGCBPCLKM-HF2C2.5	2.5	2	10.13	132
FGCBPCLKM-HF2C4	4	2	11.3	173
FGCBPCLKM-HF2C6	6	2	12.53	226
FGCBPCLKM-HF2C10	10	2	14.54	327
FGCBPCLKM-HF3C1.5	1.5	3	9.31	117

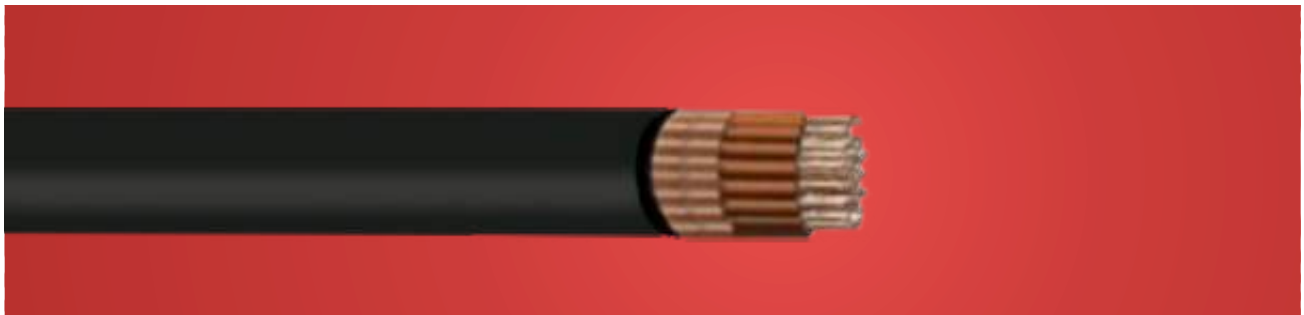


ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCLKM-HF3C2.5	2.5	3	10.75	168
FGCBPCLKM-HF3C4	4	3	12.11	221
FGCBPCLKM-HF3C6	6	3	13.43	293
FGCBPCLKM-HF3C10	10	3	15.52	432
FGCBPCLKM-HF3C16	16	3	17.75	614
FGCBPCLKM-HF3C25	25	3	21.25	919
FGCBPCLKM-HF3C35	35	3	25.12	1300
FGCBPCLKM-HF3C50	50	3	27.55	1722
FGCBPCLKM-HF3C70	70	3	31.75	2462
FGCBPCLKM-HF3C95	95	3	35.96	3276
FGCBPCLKM-HF3C120	120	3	39.9	4119
FGCBPCLKM-HF3C150	150	3	44.32	5092
FGCBPCLKM-HF4C1.5	1.5	4	10.15	143
FGCBPCLKM-HF4C2.5	2.5	4	11.77	203
FGCBPCLKM-HF4C4	4	4	13.18	277
FGCBPCLKM-HF4C6	6	4	14.67	370
FGCBPCLKM-HF4C10	10	4	17.1	551
FGCBPCLKM-HF4C16	16	4	19.58	787
FGCBPCLKM-HF4C25	25	4	23.5	1192
FGCBPCLKM-HF4C35	35	4	27.84	1674
FGCBPCLKM-HF4C50	50	4	30.56	2220
FGCBPCLKM-HF4C70	70	4	35.27	3163
FGCBPCLKM-HF4C95	95	4	39.97	4306
FGCBPCLKM-HF4C120	120	4	44.41	5386
FGCBPCLKM-HF5C1.5	1.5	5	11.06	171
FGCBPCLKM-HF5C2.5	2.5	5	12.87	244
FGCBPCLKM-HF5C4	4	5	14.45	335
FGCBPCLKM-HF5C6	6	5	16.12	450
FGCBPCLKM-HF5C10	10	5	18.82	674
FGCBPCLKM-HF5C16	16	5	21.59	968
FGCBPCLKM-HF7C1.5	1.5	7	12.03	215
FGCBPCLKM-HF7C2.5	2.5	7	14.04	312
FGCBPCLKM-HF10C1.5	1.5	10	15.26	313
FGCBPCLKM-HF10C2.5	2.5	10	17.94	458
FGCBPCLKM-HF12C1.5	1.5	12	15.78	353
FGCBPCLKM-HF12C2.5	2.5	12	18.56	520
FGCBPCLKM-HF14C1.5	1.5	14	16.58	398
FGCBPCLKM-HF14C2.5	2.5	14	19.54	590
FGCBPCLKM-HF16C1.5	1.5	16	17.51	446
FGCBPCLKM-HF16C2.5	2.5	16	20.66	664
FGCBPCLKM-HF19C1.5	1.5	19	18.48	512
FGCBPCLKM-HF19C2.5	2.5	19	21.83	765
FGCBPCLKM-HF24C1.5	1.5	24	21.71	660
FGCBPCLKM-HF24C2.5	2.5	24	25.73	988
FGCBPCLKM-HF27C1.5	1.5	27	22.19	717
FGCBPCLKM-HF37C1.5	1.5	37	24.95	938

LKM-FRHF

SVARN XLPE INSULATED OVERALL SCREENED OFFSHORE CABLE

Svarn XLPE insulated overall screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Bare Copper Conductor
- XLPE (Cross Linked Polyethylene) & Mica Tape Insulation
- Separator Tape Bedding
- Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Nominal Voltage : 600 / 1000 Volts
- Test Voltage : 3500 Volts
- Temperature Range : -40°C to +120°C

FEATURES

- UV resistant
- Sunlight Resistant
- Flame Retardant
- Fire Resistant
- Halogen Free
- Low Smoke Emission
- Heat & Moisture Resistant
- Oil/ Gasoline Resist
- ROHS Compliant

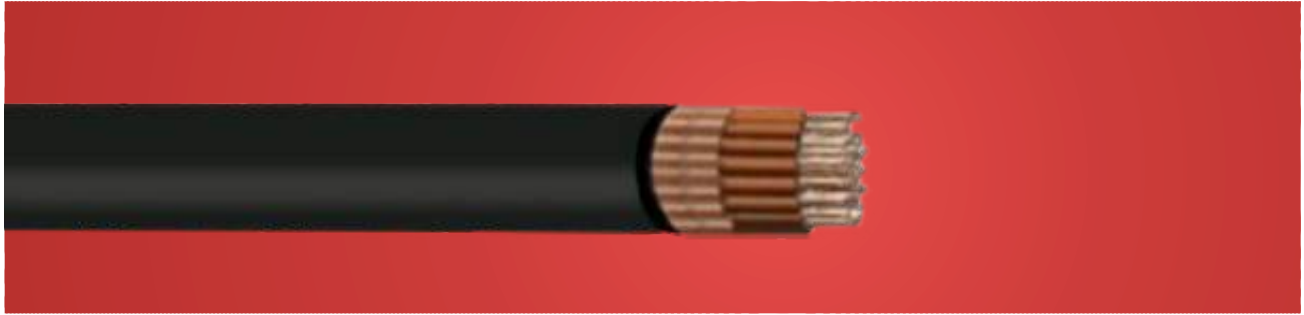
ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCLKM-FRHF2C1.5	1.5	2	9.44	107
FGCBPCLKM-FRHF2C2.5	2.5	2	10.78	144
FGCBPCLKM-FRHF2C4	4	2	11.95	186
FGCBPCLKM-FRHF3C1.5	1.5	3	10.1	133
FGCBPCLKM-FRHF3C2.5	2.5	3	11.46	182
FGCBPCLKM-FRHF3C4	4	3	12.71	241
FGCBPCLKM-FRHF3C6	6	3	14.04	314
FGCBPCLKM-FRHF3C10	10	3	16.21	456

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCLKM-FRHF3C16	16	3	18.43	639
FGCBPCLKM-FRHF3C25	25	3	21.93	947
FGCBPCLKM-FRHF3C35	35	3	25.8	1321
FGCBPCLKM-FRHF3C50	50	3	28.23	1747
FGCBPCLKM-FRHF3C70	70	3	32.42	2459
FGCBPCLKM-FRHF3C95	95	3	36.63	3254
FGCBPCLKM-FRHF4C1.5	1.5	4	10.93	164
FGCBPCLKM-FRHF4C2.5	2.5	4	12.55	227
FGCBPCLKM-FRHF4C4	4	4	13.96	303
FGCBPCLKM-FRHF4C6	6	4	15.45	398
FGCBPCLKM-FRHF4C10	10	4	17.1	582
FGCBPCLKM-FRHF4C16	16	4	20.37	822
FGCBPCLKM-FRHF4C25	25	4	24.29	1230
FGCBPCLKM-FRHF4C35	35	4	28.63	1708
FGCBPCLKM-FRHF4C50	50	4	31.34	2262
FGCBPCLKM-FRHF5C1.5	1.5	5	11.93	171
FGCBPCLKM-FRHF5C2.5	2.5	5	13.74	197
FGCBPCLKM-FRHF5C4	4	5	14.45	274
FGCBPCLKM-FRHF7C1.5	1.5	7	12.03	215
FGCBPCLKM-FRHF7C2.5	2.5	7	14.04	312
FGCBPCLKM-FRHF12C1.5	1.5	12	17.12	412
FGCBPCLKM-FRHF12C2.5	2.5	12	19.9	587
FGCBPCLKM-FRHF19C1.5	1.5	19	20.1	602
FGCBPCLKM-FRHF19C2.5	2.5	19	23.45	870
FGCBPCLKM-FRHF27C1.5	1.5	27	24.19	843
FGCBPCLKM-FRHF37C1.5	1.5	37	27.22	1110

LKAM-HF

SVARN XLPE INSULATED SCREENED OFFSHORE CABLE

Svarn XLPE insulated screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Bare Copper Conductor
- XLPE (Cross Linked Polyethylene) insulation
- Polyester Tape Screening Over Tinned Copper Drain Wire
- Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Nominal Voltage : 600 / 1000 Volts
- Test Voltage : 3500 Volts
- Temperature Range : -40°C To +120°C

FEATURES

- UV Resistant
- Sunlight Resistant
- Flame Retardant
- Halogen Free
- Low Smoke Emission
- Heat & Moisture Resistant
- Oil/ Gasoline Resist
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCLKAM-HF2C1.5	1.5	2	8.58	97
FGCBPCLKAM-HF2C2.5	2.5	2	9.92	132
FGCBPCLKAM-HF3C1.5	1.5	3	9.09	122
FGCBPCLKAM-HF3C2.5	2.5	3	10.54	167
FGCBPCLKAM-HF4C1.5	1.5	4	9.93	152
FGCBPCLKAM-HF4C2.5	2.5	4	11.55	202
FGCBPCLKAM-HF5C1.5	1.5	5	10.84	177
FGCBPCLKAM-HF5C2.5	2.5	5	12.64	246
FGCBPCLKAM-HF7C1.5	1.5	7	11.81	222
FGCBPCLKAM-HF7C2.5	2.5	7	13.81	308
FGCBPCLKAM-HF10C1.5	1.5	10	15.03	313
FGCBPCLKAM-HF10C2.5	2.5	10	17.71	449
FGCBPCLKAM-HF12C1.5	1.5	12	15.55	357
FGCBPCLKAM-HF12C2.5	2.5	12	18.34	511
FGCBPCLKAM-HF19C1.5	1.5	19	18.26	518
FGCBPCLKAM-HF19C2.5	2.5	19	21.61	753
FGCBPCLKAM-HF27C1.5	1.5	27	21.98	716
FGCBPCLKAM-HF27C2.5	2.5	27	29.41	1159

LKEM-HF

SVARN XLPE INSULATED HALOGEN-FREE OFFSHORE CABLE

Svarn XLPE insulated halogen-free offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Bare Copper Conductor
- XLPE (Cross Linked Polyethylene) Insulation

TECHNICAL DATA

- Nominal Voltage : 600 / 1000 Volts
- Test Voltage : 3500 Volts
- Temperature Range : -40°C To +120°C

FEATURES

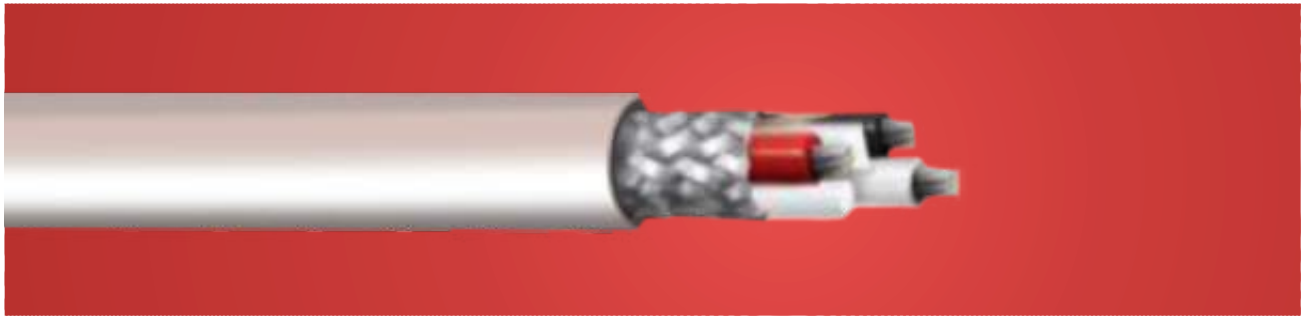
- UV Resistant
- Sunlight Resistant
- Flame Retardant
- Halogen Free
- Low Smoke Emission
- Heat & Moisture Resistant
- Oil/ Gasoline Resist
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCLKEM-HF1C0.75	0.75	1	6.41	14.5
FGCBPCLKEM-HF1C1	1	1	8.54	16.5
FGCBPCLKEM-HF1C1.5	1.5	1	12.81	22.5
FGCBPCLKEM-HF1C2.5	2.5	1	21.35	32.5
FGCBPCLKEM-HF1C4	4	1	34.15	47.5
FGCBPCLKEM-HF1C4	6	1	51.22	67
FGCBPCLKEM-HF1C10	10	1	85.35	105
FGCBPCLKEM-HF1C16	16	1	132.29	163
FGCBPCLKEM-HF1C25	25	1	206.7	255
FGCBPCLKEM-HF1C35	35	1	289.38	350
FGCBPCLKEM-HF1C50	50	1	413.4	502
FGCBPCLKEM-HF1C70	70	1	578.75	702
FGCBPCLKEM-HF1C95	95	1	785.44	940
FGCBPCLKEM-HF1C120	120	1	992.13	1173

LKSM-HF

SVARN XLPE INSULATED HALOGEN-FREE OFFSHORE CABLE

Svarn XLPE insulated halogen-free offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Bare Copper Conductor
- XLPE (Cross Linked Polyethylene) Insulation
- Filler Tape Bedding
- Copper Wire Braided Armoring Over Tinned Copper Drain Wire
- Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Nominal Voltage : 600 / 1000 Volts
- Test Voltage : 3500 Volts
- Temperature Range : -40°C To +120°C

FEATURES

- UV Resistant
- Sunlight Resistant
- Flame Retardant
- Fire Resistant
- Halogen Free
- Low Smoke Emission
- Heat & Moisture Resistant
- Oil/ Gasoline Resist
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCLKSM-HF1C6	6	1	8.8	143
FGCBPCLKSM-HF1C10	10	1	9.8	193
FGCBPCLKSM-HF1C16	16	1	10.8	256
FGCBPCLKSM-HF1C25	25	1	12.5	362
FGCBPCLKSM-HF1C35	35	1	13.6	465
FGCBPCLKSM-HF1C50	50	1	15.9	659
FGCBPCLKSM-HF1C70	70	1	17.9	890
FGCBPCLKSM-HF1C95	95	1	19.8	1121
FGCBPCLKSM-HF1C120	120	1	21.6	1374
FGCBPCLKSM-HF1C150	150	1	23.7	1682
FGCBPCLKSM-HF1C185	185	1	26.1	2042
FGCBPCLKSM-HF1C240	240	1	28.9	2579
FGCBPCLKSM-HF1C300	300	1	32.1	3175
FGCBPCLKSM-HF2C1.5	1.5	2	10.2	143

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCLKSM-HF2C2.5	2.5	2	11.5	186
FGCBPCLKSM-HF2C4	4	2	12.7	235
FGCBPCLKSM-HF2C6	6	2	13.9	294
FGCBPCLKSM-HF2C10	10	2	16.4	444
FGCBPCLKSM-HF3C1.5	1.5	3	10.7	167
FGCBPCLKSM-HF3C2.5	2.5	3	12.1	222
FGCBPCLKSM-HF3C4	4	3	13.4	287
FGCBPCLKSM-HF3C6	6	3	15.3	401
FGCBPCLKSM-HF3C10	10	3	17.4	558
FGCBPCLKSM-HF3C16	16	3	19.6	758
FGCBPCLKSM-HF3C25	25	3	23.1	1092
FGCBPCLKSM-HF3C35	35	3	26	1492
FGCBPCLKSM-HF3C50	50	3	29.4	1947
FGCBPCLKSM-HF3C70	70	3	33.6	2723
FGCBPCLKSM-HF3C95	95	3	38.4	3667
FGCBPCLKSM-HF3C120	120	3	42.3	4554
FGCBPCLKSM-HF4C1.5	1.5	4	11.5	198
FGCBPCLKSM-HF4C2.5	2.5	4	15.1	267
FGCBPCLKSM-HF4C4	4	4	16.6	383
FGCBPCLKSM-HF4C6	6	4	19	488
FGCBPCLKSM-HF4C10	10	4	21.5	699
FGCBPCLKSM-HF4C16	16	4	25.4	947
FGCBPCLKSM-HF4C25	25	4	28.8	1385
FGCBPCLKSM-HF4C35	35	4	32.5	1889
FGCBPCLKSM-HF4C50	50	4	37.7	2472
FGCBPCLKSM-HF4C70	70	4	42.4	3547
FGCBPCLKSM-HF4C95	95	4	46.9	4741
FGCBPCLKSM-HF5C1.5	1.5	5	12.4	229
FGCBPCLKSM-HF7C1.5	1.5	7	13.4	280
FGCBPCLKSM-HF10C1.5	1.5	10	17.2	436
FGCBPCLKSM-HF12C1.5	1.5	12	17.7	480
FGCBPCLKSM-HF14C1.5	1.5	14	18.5	532
FGCBPCLKSM-HF16C1.5	1.5	16	19.4	589
FGCBPCLKSM-HF19C1.5	1.5	19	20.4	662
FGCBPCLKSM-HF24C1.5	1.5	24	23.6	837

RFE-HF

SVARN XLPE INSULATED FRHF OFFSHORE CABLE

Svarn XLPE insulated FRHF offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Bare Copper Conductor
- Mica Tape & XLPE (Cross Linked Polyethylene) Insulation
- Separator Tape Bedding
- Copper Wire Braided Armoring Over Drain Wire
- Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Nominal Voltage : 600 / 1000 Volts
- Temperature Range : -40°C To +120°C

FEATURES

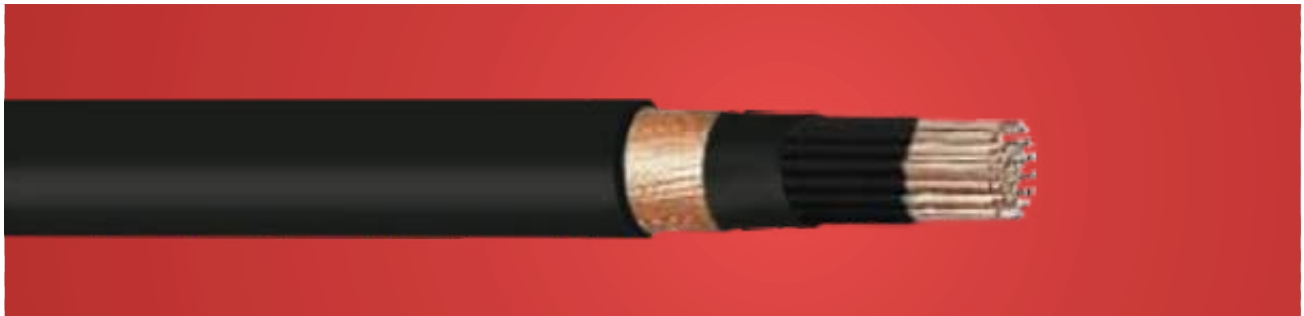
- UV Resistant
- Sunlight Resistant
- Flame Retardant
- Fire Resistant
- Halogen Free
- Low Smoke Emission
- Heat & Moisture Resistant
- Oil/ Gasoline Resist
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCLKSM-FRHF2C1.5	1.5	2	11	165
FGCBPCLKSM-FRHF2C2.5	2.5	2	11.8	198
FGCBPCLKSM-FRHF2C4	4	2	12.9	244
FGCBPCLKSM-FRHF3C1.5	1.5	3	11.1	183
FGCBPCLKSM-FRHF3C2.5	2.5	3	11.8	228
FGCBPCLKSM-FRHF3C4	4	3	12.1	297
FGCBPCLKSM-FRHF3C6	6	3	13.6	405
FGCBPCLKSM-FRHF3C10	10	3	15.3	560
FGCBPCLKSM-FRHF3C16	16	3	17.4	802
FGCBPCLKSM-FRHF3C25	25	3	20.2	1162
FGCBPCLKSM-FRHF3C35	35	3	24.1	1510
FGCBPCLKSM-FRHF3C50	50	3	26.5	1968
FGCBPCLKSM-FRHF3C70	70	3	30	2671
FGCBPCLKSM-FRHF3C95	95	3	39.4	3535
FGCBPCLKSM-FRHF3C120	120	3	45.3	4636
FGCBPCLKSM-FRHF4C1.5	1.5	4	11.6	206
FGCBPCLKSM-FRHF4C2.5	2.5	4	13.3	280
FGCBPCLKSM-FRHF4C4	4	4	15.2	378
FGCBPCLKSM-FRHF4C6	6	4	16.8	486
FGCBPCLKSM-FRHF4C10	10	4	19.6	717
FGCBPCLKSM-FRHF4C16	16	4	21.9	965
FGCBPCLKSM-FRHF4C25	25	4	25.7	1385
FGCBPCLKSM-FRHF4C35	35	4	29.7	1836
FGCBPCLKSM-FRHF4C50	50	4	33.8	2611

RFE-FRHF(I)

SVARN XLPE INSULATED FRHF PAIR SCREENED OFFSHORE CABLE

Svarn XLPE insulated FRHF pair screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Bare Copper Conductor
- Mica Tape & XLPE (Cross Linked Polyethylene) Insulation
- Plastic Coated Aluminium Tape & Tinned Copper Drain Wire Pair Screening
- Filler Tape Bedding
- Copper Wire Braided Armoring Over Copper Drain Wire
- Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Nominal Voltage : 250 Volts
- Temperature Range : -40°C To +120°C

FEATURES

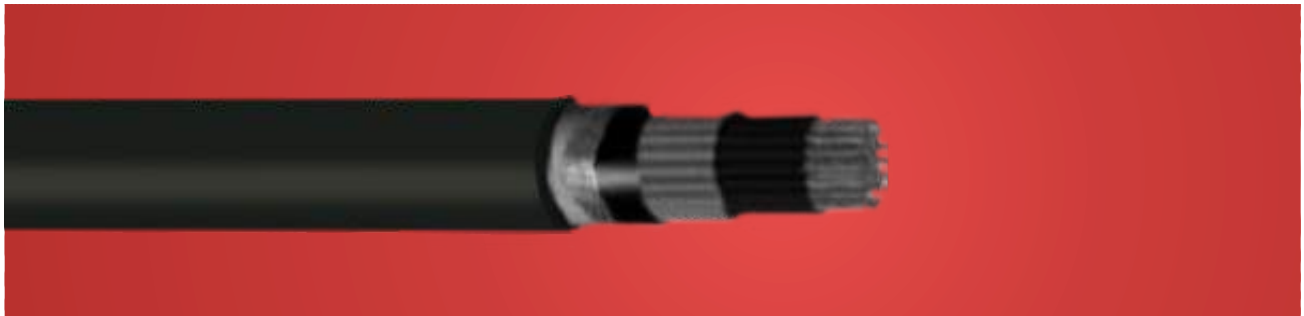
- UV Resistant
- Sunlight Resistant
- Flame Retardant
- Fire Resistant
- Halogen Free
- Low Smoke Emission
- Heat & Moisture Resistant
- Oil/ Gasoline Resist
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	NOMINAL PAIRS	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCLKEM-FRHF(I)2P0.75	0.75	2 X 2	13.36	201
FGCBPCLKEM-FRHF(I)4P0.75	0.75	4 X 2	15.76	311
FGCBPCLKEM-FRHF(I)8P0.75	0.75	8 X 2	20.63	496
FGCBPCLKEM-FRHF(I)10P0.75	0.75	10 X 2	23.51	609
FGCBPCLKEM-FRHF(I)14P0.75	0.75	14 X 2	25.56	753
FGCBPCLKEM-FRHF(I)19P0.75	0.75	19 X 2	28.43	939
FGCBPCLKEM-FRHF(I)24P0.75	0.75	24 X 2	33.37	1179
FGCBPCLKEM-FRHF(I)2P1.5	1.5	2 X 2	15.44	288
FGCBPCLKEM-FRHF(I)4P1.5	1.5	4 X 2	17.67	406
FGCBPCLKEM-FRHF(I)7P1.5	1.5	7 X 2	20.95	588
FGCBPCLKEM-FRHF(I)10P1.5	1.5	10 X 2	26.66	823
FGCBPCLKEM-FRHF(I)14P1.5	1.5	14 X 2	29.04	1038
FGCBPCLKEM-FRHF(I)19P1.5	1.5	19 X 2	32.38	1314

PBS FIELD BUS

SVARN FIELDBUS OFFSHORE CABLE

Svarn Fieldbus offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed bare copper conductor.
- PE (Polyethylene) Insulation
- Separator Tape Bedding
- Plastic Coated Aluminium Tape & Tinned Copper Drain Wire Pair Screening
- Cross Linked Polyolefin Inner Sheath
- Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Nominal voltage : 60 volts
- Temperature range : -40°C to +120°C

FEATURES

- UV Resistant
- Sunlight Resistant
- Flame Retardant
- Halogen Free
- Low Smoke Emission
- Heat & Moisture Resistant
- Oil/ Gasoline Resist
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCPBS2C0.34	0.75	2 X 2	13.36	201

MGCG

SVARN HEPR INSULATED OFFSHORE CABLE

Svarn HEPR insulated offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed bare copper conductor.
- HEPR Insulation
- Filler Tape Bedding
- Bare Copper Braiding Over Separator Tape
- CR (Cross Linked Polychloroprene) Outer Sheath

TECHNICAL DATA

- Nominal voltage : 600 / 1000 volts
- Test voltage : 3500 volts
- Temperature range : -40°C to +120°C

FEATURES

- UV Resistant
- Sunlight Resistant
- Flame Retardant
- Heat & Moisture Resistant
- Oil/ Gasoline Resist
- ROHS Compliant

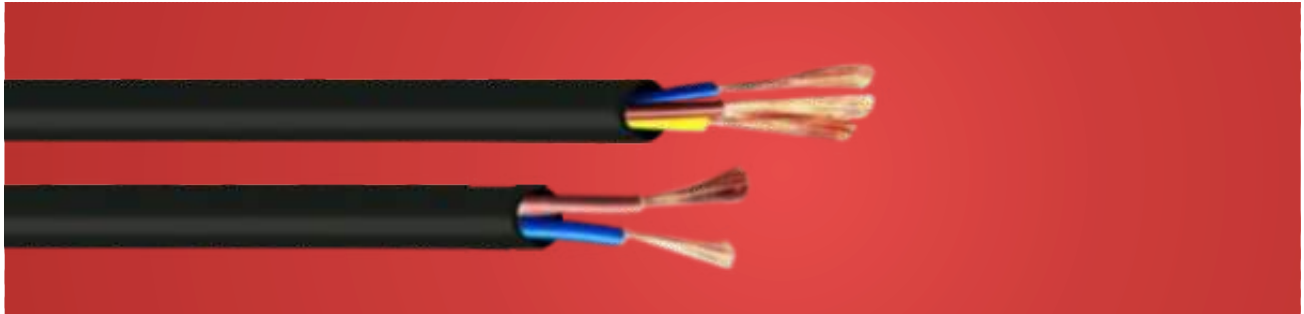
ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCMCG1C4	4	1	7	112
FGCBPCMCG1C6	6	1	8	142
FGCBPCMCG1C10	10	1	9	192
FGCBPCMCG1C16	16	1	10	272
FGCBPCMCG1C25	25	1	12	382
FGCBPCMCG1C35	35	1	13	482
FGCBPCMCG1C50	50	1	15	662
FGCBPCMCG1C70	70	1	17	902
FGCBPCMCG1C95	95	1	19	1172
FGCBPCMCG1C120	120	1	20	1412
FGCBPCMCG1C150	150	1	22	1752
FGCBPCMCG1C185	185	1	24	2162
FGCBPCMCG1C240	240	1	28	2772
FGCBPCMCG1C300	300	1	30	3442
FGCBPCMCG2C1.5	1.5	2	11	182
FGCBPCMCG2C2.5	2.5	2	12	222

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCMGC2C4	4	2	13	282
FGCBPCMGC2C6	6	2	15	382
FGCBPCMGC2C10	10	2	16	502
FGCBPCMGC2C16	16	2	19	712
FGCBPCMGC2C25	25	2	21	1022
FGCBPCMGC3C1.5	1.5	3	11	212
FGCBPCMGC3C2.5	2.5	3	12	262
FGCBPCMGC3C4	4	3	13	332
FGCBPCMGC3C6	6	3	15	452
FGCBPCMGC3C10	10	3	17	622
FGCBPCMGC3C16	16	3	21	872
FGCBPCMGC3C25	25	3	23	1282
FGCBPCMGC3C35	35	3	25	1682
FGCBPCMGC3C50	50	3	29	2182
FGCBPCMGC3C70	70	3	33	3022
FGCBPCMGC3C95	95	3	38	4052
FGCBPCMGC3C120	120	3	42	5002
FGCBPCMGC4C1.5	1.5	4	12	242
FGCBPCMGC4C2.5	2.5	4	13	302
FGCBPCMGC4C4	4	4	15	432
FGCBPCMGC4C6	6	4	16	542
FGCBPCMGC4C10	10	4	19	782
FGCBPCMGC4C16	16	4	21	1092
FGCBPCMGC4C25	25	4	25	1632
FGCBPCMGC4C35	35	4	28	2122
FGCBPCMGC4C50	50	4	32	2752
FGCBPCMGC4C70	70	4	37	3902
FGCBPCMGC4C95	95	4	43	5162
FGCBPCMGC5C1.5	1.5	5	13	292
FGCBPCMGC5C1.5	1.5	5	15	402
FGCBPCMGC7C1.5	2.5	7	14	382
FGCBPCMGC10C1.5	1.5	10	17	452
FGCBPCMGC12C1.5	1.5	12	18	502
FGCBPCMGC14C1.5	1.5	14	19	562
FGCBPCMGC16C1.5	1.5	16	20	632
FGCBPCMGC19C1.5	1.5	19	21	712
FGCBPCMGC24C1.5	1.5	24	23	882

MYO-O

SVARN PVC INSULATED OFFSHORE CABLE

Svarn PVC insulated offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed bare copper conductor.
- PVC Insulation
- PVC Outer Sheath

TECHNICAL DATA

- Nominal Voltage : 60 Volts
- Test Voltage : 1500 Volts
- Temperature Range : -40°C To +120°C

FEATURES

- UV Resistant
- Sunlight Resistant
- Flame Retardant
- Heat & Moisture Resistant
- Oil/ Gasoline Resist
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCMYO-O2C1.5	1.5	2	9.6	112
FGCBPCMYO-O3C1.5	1.5	3	9.8	125
FGCBPCMYO-O3C2.5	2.5	3	11.2	185
FGCBPCMYO-O4C1.5	1.5	4	10.2	154
FGCBPCMYO-O4C2.5	2.5	4	12.3	227
FGCBPCMYO-O5C1.5	1.5	5	11.2	188

SY

SVARN PVC INSULATED OFFSHORE CABLE

Svarn PVC insulated offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Bare Copper Conductor
- PVC Insulation
- Tinned Steel Wire Braided
- PVC Outer Sheath

TECHNICAL DATA

- Nominal Voltage : 60 Volts
- Test Voltage : 1500 Volts
- Temperature Range : -40°C To +120°C

FEATURES

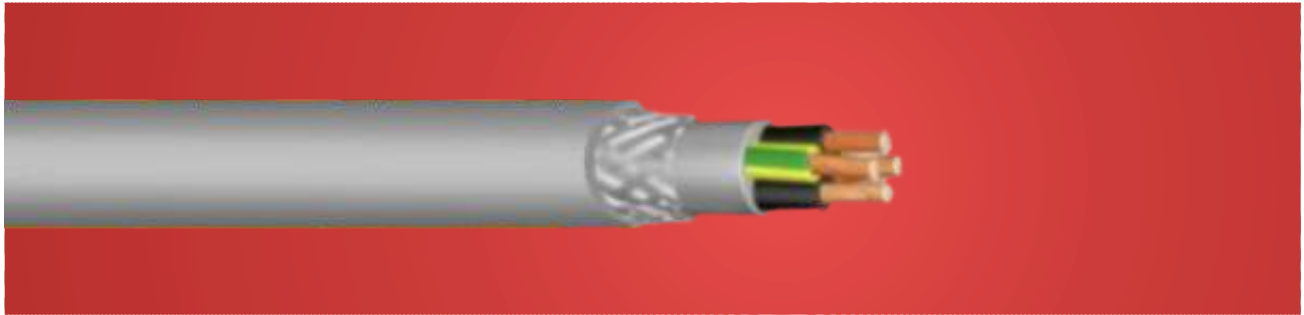
- UV Resistant
- Sunlight Resistant
- Flame Retardant
- Low Smoke Emission
- Gas Toxicity
- Electromagnetic Interference Resistant
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCSY1C6	6	1	8.6	141
FGCBPCSY1C10	10	1	10.5	214
FGCBPCSY1C16	16	1	12	292
FGCBPCSY1C25	25	1	13.7	405
FGCBPCSY1C35	35	1	15.2	518
FGCBPCSY1C50	50	1	18.2	734
FGCBPCSY1C70	70	1	21.1	998
FGCBPCSY1C95	95	1	22.9	1252

SY- STRANDED TYPE

SVARN PVC INSULATED SCREENED OFFSHORE CABLE

Svarn PVC insulated screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Bare Copper Conductor
- PVC Insulation
- PVC Inner Sheath
- Galvanized Steel Wire Braided Screening
- PVC Outer Sheath

TECHNICAL DATA

- Nominal Voltage : 600 / 1000 Volts
- Test Voltage : 3500 Volts
- Temperature Range : -40°C To +70°C

FEATURES

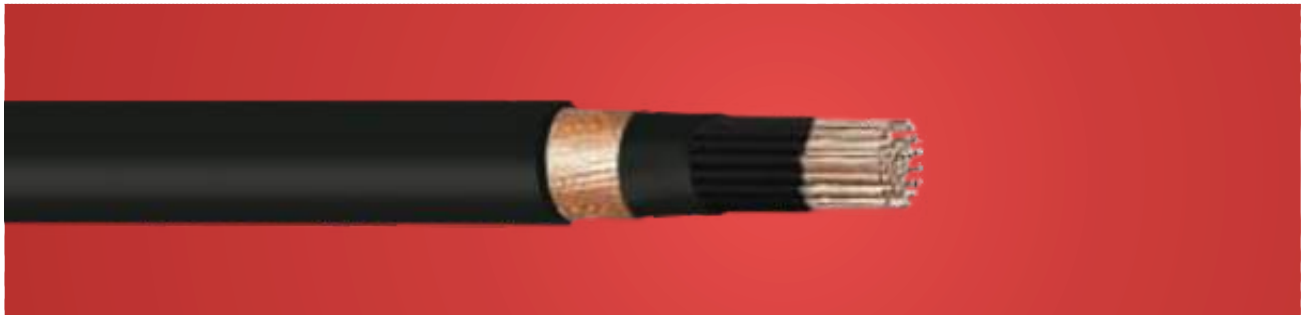
- UV Resistant
- Sunlight Resistant
- Flame Retardant
- Low Smoke Emission
- Gas Toxicity
- Electromagnetic Interference Resistant
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCYSY2C1.5	1.5	2	9.8	122
FGCBPCYSY3C1.5	1.5	3	10.3	148
FGCBPCYSY3C2.5	2.5	3	11.7	203
FGCBPCYSY4C1.5	1.5	4	11.2	175
FGCBPCYSY4C2.5	2.5	4	13.2	254
FGCBPCYSY4C4	4	4	16.2	383
FGCBPCYSY4C6	6	4	18.3	505
FGCBPCYSY5C1.5	1.5	5	12	205
FGCBPCYSY5C2.5	2.5	5	14.2	300
FGCBPCYSY5C4	4	5	16.2	452
FGCBPCYSY5C6	6	5	18.4	600

LMKK

SVARN PVC INSULATED SCREENED OFFSHORE CABLE

Svarn PVC insulated screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Bare Copper Conductor
- PVC With Polyamide Insulation
- PVC Inner Sheath
- Water Roofed Plain Copper Wire Braided Screening
- PVC Outer Sheath

TECHNICAL DATA

- Temperature range : -40°C to +85°C

FEATURES

- UV Resistant
- Sunlight Resistant
- Flame Retardant
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCLMKK2C1.5	1.5	2	9.8	132
FGCBPCLMKK3C1.5	1.5	3	10.3	156
FGCBPCLMKK4C1.5	1.5	4	11.2	185
FGCBPCLMKK5C1.5	1.5	5	11.8	213
FGCBPCLMKK7C1.5	1.5	7	12.7	263
FGCBPCLMKK10C1.5	1.5	10	15.5	355
FGCBPCLMKK12C1.5	1.5	12	15.9	399
FGCBPCLMKK14C1.5	1.5	14	16.6	445
FGCBPCLMKK16C1.5	1.5	16	17.5	495
FGCBPCLMKK19C1.5	1.5	19	18.3	562
FGCBPCLMKK24C1.5	1.5	24	19.6	674
FGCBPCLMKK27C1.5	1.5	27	21.5	754
FGCBPCLMKK33C1.5	1.5	33	23	887
FGCBPCLMKK2C1.5	2.5	2	9.8	131
FGCBPCLMKK3C1.5	2.5	3	10.3	163
FGCBPCLMKK4C1.5	2.5	4	11.1	198

LMGSG

SVARN EPR INSULATED SCREENED OFFSHORE CABLE

Svarn EPR insulated screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed bare copper conductor.
- Heat Resistant EPR insulation
- Flame Resistant Foil Separator
- Plain Copper Wire Braided Screening
- Polyester Tape Separator
- Chloroprene Outer Sheath

TECHNICAL DATA

- Temperature Range : -40°C To +85°C

FEATURES

- UV Resistant
- Sunlight Resistant
- Flame Retardant
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPCLMGSG2C1.5	1.5	2	9.6	133
FGCBPCLMGSG3C1.5	1.5	3	10	155
FGCBPCLMGSG4C1.5	1.5	4	10.9	191
FGCBPCLMGSG5C1.5	1.5	5	11.7	221
FGCBPCLMGSG7C1.5	1.5	7	12.9	279
FGCBPCLMGSG10C1.5	1.5	10	15.6	379
FGCBPCLMGSG12C1.5	1.5	12	16	417
FGCBPCLMGSG14C1.5	1.5	14	16.7	465
FGCBPCLMGSG16C1.5	1.5	16	17.5	515
FGCBPCLMGSG19C1.5	1.5	19	18.3	580
FGCBPCLMGSG24C1.5	1.5	24	19.8	691
FGCBPCLMGSG27C1.5	1.5	27	21.4	782
FGCBPCLMGSG33C1.5	1.5	33	22.9	914
FGCBPCLMGSG2C2.5	2.5	2	10.8	179
FGCBPCLMGSG3C2.5	2.5	3	11.5	212
FGCBPCLMGSG4C2.5	2.5	4	12.2	252
FGCBPCLMGSG7C2.5	2.5	7	14.5	375

EED 50-13 Table C-1

SVARN E-BEAM XLSR INSULATED SINGLE CORE OFFSHORE CABLE

Svarn E-Beam XLSR insulated single core offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships & ubmarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Bare Copper Conductor
- PVC With Polyamide Insulation
- PVC Inner Sheath
- Water Roofed Plain Copper Wire Braided Screening
- PVC Outer Sheath

TECHNICAL DATA

- Temperature range : -40°C to +85°C
- Nominal voltage : 440 Volts
- Test Voltage : 2000 / 3500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-13

FEATURES

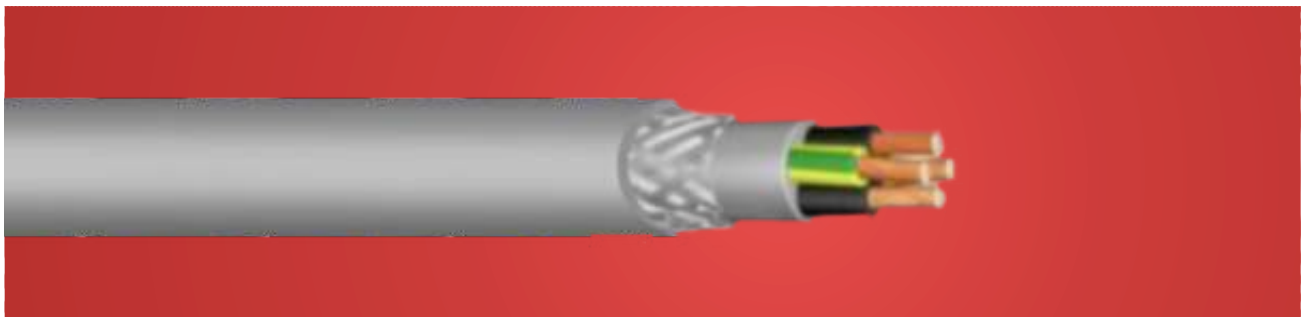
- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC1C0.75	0.75	1	5.2	39
FGCBPC1C1	1	1	5.8	42
FGCBPC1C1.5	1.5	1	6.1	52
FGCBPC1C2.5	2.5	1	6.7	66
FGCBPC1C4	4	1	7.2	89
FGCBPC1C6	6	1	8	118
FGCBPC1C10	10	1	9.1	185
FGCBPC1C16	16	1	10.7	249
FGCBPC1C25	25	1	12.2	359
FGCBPC1C35	35	1	12.9	448
FGCBPC1C50	50	1	14.9	568
FGCBPC1C70	70	1	17	823
FGCBPC1C95	95	1	19.3	1055
FGCBPC1C120	120	1	21.6	1529
FGCBPC1C150	150	1	23.5	1618
FGCBPC1C185	185	1	25.6	2123
FGCBPC1C240	240	1	28.6	2589
FGCBPC1C300	300	1	30.9	3199
FGCBPC1C400	400	1	34.8	4155
FGCBPC1C500	500	1	39.5	5196
FGCBPC1C630	630	1	44	6545

EED 50-13 Table C-2

SVARN E-BEAM XLSR INSULATED MULTICORE OFFSHORE CABLE

Svarn E-Beam XLSR insulated multicore offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships & submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor
- Electron Beam Cross Linked Silicone Rubber Insulation
- Glass Braid Or Lacquer Shielding
- Glass Mica Tape Binder
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature range : -30°C to +120°C
- Nominal voltage : 440 volts
- Test voltage : 2000 / 3500 volts
- Bending radius : 10x cable dia
- Specification : EED 50-13

FEATURES

- UV Resistant
- Sunlight Resistant
- Flame Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

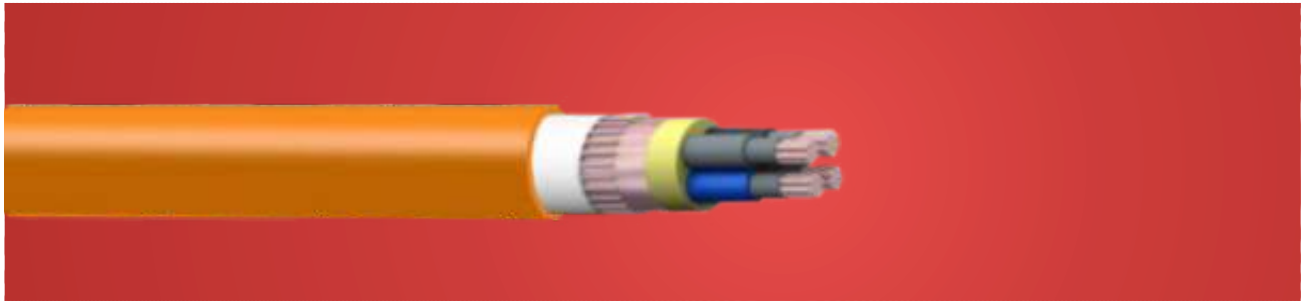
ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC2C0.75	0.75	2	8.3	82
FGCBPC2C1	1	2	8.7	92
FGCBPC2C1.5	1.5	2	9.3	126
FGCBPC2C2.5	2.5	2	10.6	169
FGCBPC2C4	4	2	11.7	219
FGCBPC2C6	6	2	13.2	298
FGCBPC2C10	10	2	16.4	452

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC2C16	16	2	24.6	665
FGCBPC2C25	25	2	16.4	847
FGCBPC2C35	35	2	24.6	1032
FGCBPC2C50	50	2	28.2	1452
FGCBPC2C70	70	2	32.4	2152
FGCBPC2C95	95	2	36.9	2486
FGCBPC3C0.75	0.75	3	8.7	96
FGCBPC3C1	1	3	9.3	117
FGCBPC3C1.5	1.5	3	9.8	140
FGCBPC3C2.5	2.5	3	11.3	207
FGCBPC3C4	4	3	12.3	262
FGCBPC3C6	6	3	14.1	363
FGCBPC3C10	10	3	17.7	593
FGCBPC3C16	16	3	20.3	823
FGCBPC3C25	25	3	23.9	1208
FGCBPC3C35	35	3	26.1	1578
FGCBPC3C50	50	3	30.2	1825
FGCBPC3C70	70	3	37.9	2446
FGCBPC3C95	95	3	39.8	3824
FGCBPC3C120	120	3	44.5	4578
FGCBPC3C150	150	3	48.9	5483
FGCBPC3C185	185	3	53	6409
FGCBPC3C240	240	3	59	8790

EED 50-13 Table C-5

SVARN E-BEAM XLSR INSULATED MULTIPAIR COLLECTIVELY SCREENED OFFSHORE CABLE

Svarn E-Beam XLSR insulated multipair collectively screened cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships and submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor
- Electron Beam Cross Linked Silicone Rubber Insulation
- Glass Braid Or Lacquer Shielding
- Polyester Tape Binder
- Polyester Tape Separator Over Pair Layup
- Tinned Copper Braided Shielding
- Polyester Tape Separator
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature range : -30°C to +120°C
- Nominal Voltage : 440 Volts
- Test Voltage : 2000 Volts
- Bending Radius : 10x Cable Dia
- Specification : EED 50-13

FEATURES

- UV Resistant
- Sunlight Resistant
- Flame Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	NOMINAL PAIRS	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC2C0.75	0.75	1 X 2	9	102
FGCBPC1P0.75	0.75	2 X 2	13.8	238
FGCBPC2P0.75	0.75	3 X 2	14.6	245
FGCBPC4P0.75	0.75	4 X 2	15.2	355
FGCBPC7P0.75	0.75	7 X 2	17.9	492
FGCBPC11P0.75	0.75	11 X 2	23.9	665
FGCBPC16P0.75	0.75	16 X 2	26.2	832
FGCBPC19P0.75	0.75	19X 2	27.6	965
FGCBPC1P1	1	1 X 2	9.4	107
FGCBPC2P1	1	2 X 2	14.5	248
FGCBPC3P1	1	3 X 2	15.4	257
FGCBPC4P1	1	4 X 2	16	373
FGCBPC7P1	1	8 X 2	18.9	523
FGCBPC11P1	1	10 X 2	25.2	715
FGCBPC16P1	1	16 X 2	27.9	902
FGCBPC19P1	1	19X 2	29.3	1049

EED 50-13 Table-C6

SVARN E-BEAM XLSR INSULATED MULTICORE INDIVIDUALLY SCREENED OFFSHORE CABLE

Svarn E-Beam XLSR insulated multicore individually screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships and submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor
- Electron Beam Cross Linked Silicone Rubber Insulation
- Glass Braid Or Lacquer Shielding
- Tinned Copper Braided Screening
- Polyester Tape Binder
- Polyester Tape Separator Over Pair Layup
- Tinned Copper Braided Shielding
- Polyester Tape Separator
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature range : -30°C to +120°C
- Nominal voltage : 440 Volts
- Test Voltage : 2000 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-13

FEATURES

- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC3C0.75	0.75	3	10.9	205
FGCBPC5C0.75	0.75	5	12.8	256
FGCBPC7C0.75	0.75	7	15.1	365
FGCBPC14C0.75	0.75	14	18.9	571
FGCBPC18C0.75	0.75	18	21.4	712
FGCBPC3C1	1	3	11.3	212
FGCBPC5C1	1	5	13.2	267
FGCBPC7C1	1	7	15.7	381
FGCBPC14C1	1	14	19.8	602
FGCBPC18C1	1	18	22.4	753

EED 50-13 Table-C7

SVARN E-BEAM XLSR INSULATED MULTI-PAIR PAIRS INDIVIDUALLY SCREENED OFFSHORE CABLE

Svarn E-Beam XLSR insulated multi-pair pairs individually screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships and submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor.
- Electron Beam Cross Linked Silicone Rubber Insulation
- Glass Braid Or Lacquer Shielding
- Polyester Tape Separator
- Tinned Copper Braided Shielding
- Polyester Tape Binder
- Polyester Tape Separator Over Pair Layup
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -30°C To +120°C
- Nominal Voltage : 440 Volts
- Test Voltage : 2000 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-13

FEATURES

- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC1P0.75	0.75	1 X 2	8.9	96
FGCBPC3P0.75	0.75	3 X 2	14.3	234
FGCBPC4P0.75	0.75	4 X 2	15.4	303
FGCBPC7P0.75	0.75	7 X 2	18.6	463
FGCBPC1P1	1	1 X 2	9.4	106
FGCBPC3P1	1	3 X 2	15.1	253
FGCBPC4P1	1	4 X 2	16	325
FGCBPC7P1	1	8 X 2	19.9	503

EED 50-13 Table-C8

SVARN E-BEAM XLSR INSULATED MULTICORE COLLECTIVELY SCREENED OFFSHORE CABLE

Svarn E-Beam XLSR insulated multicore collectively screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships & submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor
- Electron Beam Cross Linked Silicone Rubber Insulation
- Glass Braid Or Lacquer Shielding
- Polyester Tape Separator
- Tinned Copper Braided Shielding
- Polyester Tape Separator
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature range : -30°C to +120°C
- Nominal voltage : 440 Volts
- Test Voltage : 2000 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-13

FEATURES

- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC2C0.75	0.75	2	8.8	106
FGCBPC2C1	1	2	9.4	122
FGCBPC2C2.5	2.5	2	11.6	217
FGCBPC2C4	4	2	12.8	251
FGCBPC2C6	6	2	15.4	402
FGCBPC2C10	10	2	17.9	502
FGCBPC4C1.5	1.5	4	12.2	252
FGCBPC4C2.5	2.5	4	13.2	280
FGCBPC8C0.75	0.75	8	13.9	294
FGCBPC8C1	1	8	14.6	312
FGCBPC12C0.75	0.75	12	15.4	351
FGCBPC12C1	1	12	16.2	392
FGCBPC14C0.75	0.75	14	16	372
FGCBPC14C1	1	14	16.9	435

EED 50-13 Table-C11

SVARN E-BEAM XLSR INSULATED MULTICORE INDIVIDUALLY & COLLECTIVELY SCREENED OFFSHORE CABLE

Svarn E-Beam XLSR insulated multicore individually & collectively screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships and submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor.
- Electron Beam Cross Linked Silicone Rubber Insulation
- Glass Braid Or Lacquer Shielding
- Tinned Copper Braided Shielding
- Polyester Tape Separator
- Polyester Tape Separator Over Core Layup
- Tinned Copper Braided Shielding
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -30°C To +120°C
- Nominal Voltage : 440 Volts
- Test Voltage : 2000 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-13

FEATURES

- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC6C0.35	0.35	6	11.5	194
FGCBPC12C0.35	0.35	12	15	338
FGCBPC18C0.35	0.35	18	17	449
FGCBPC25C0.35	0.35	25	20	602

EED 50-13 Table C-13

SVARN E-BEAM XLSR INSULATED MULTICORE CORE OVERALL SCREENED CABLE

Svarn E-Beam XLSR insulated multicore core overall screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships & submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor.
- Electron Beam Cross Linked Silicone Rubber Insulation
- Glass Braid Or Lacquer Shielding
- Glass Mica Tape Shielding
- Electron Beam Cross Linked Polyolefin Outer Sheath
- Tinned Copper Braided Overall Shielding

TECHNICAL DATA

- Temperature range : -30°C to +120°C
- Nominal Voltage : 440 Volts
- Test Voltage : 2000 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-13

FEATURES

- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC2C0.75	0.75	2	9.9	146
FGCBPC2C1	1	2	10.2	155
FGCBPC2C1.5	1.5	2	10.7	210
FGCBPC2C2.5	2.5	2	12.1	265
FGCBPC2C4	4	2	13.2	320
FGCBPC2C6	6	2	14.8	415

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC2C10	10	2	17.9	625
FGCBPC2C16	16	2	20.7	831
FGCBPC2C25	25	2	23.9	1041
FGCBPC2C35	35	2	26.3	1245
FGCBPC2C50	50	2	29.9	1581
FGCBPC2C70	70	2	34.5	2780
FGCBPC2C95	95	2	39.1	2915
FGCBPC3C0.75	0.75	3	10.2	162
FGCBPC3C1	1	3	10.8	176
FGCBPC3C1.5	1.5	3	11.2	225
FGCBPC3C2.5	2.5	3	12.8	304
FGCBPC3C4	4	3	13.8	369
FGCBPC3C6	6	3	15.6	484
FGCBPC3C10	10	3	19.1	777
FGCBPC3C16	16	3	21.8	997
FGCBPC3C25	25	3	25.5	1402
FGCBPC3C35	35	3	27.6	1890
FGCBPC3C50	50	3	31.7	2098
FGCBPC3C70	70	3	36.9	2870
FGCBPC3C95	95	3	41.8	4304
FGCBPC3C120	120	3	46.5	5112
FGCBPC3C150	150	3	50.9	6069
FGCBPC3C185	185	3		7038
FGCBPC3C240	240	3	60.9	9495

EED 50-12 Table-1

SVARN E-BEAM XLPO INSULATED MULTI-PAIR COLLECTIVELY SCREENED OFFSHORE CABLE

Svarn E-Beam XLPO insulated multi-pair collectively screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships and submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor.
- Electron Beam Cross Linked Polyolefin Insulation
- Polyester Tape Separator
- Tinned Copper Braided Overall Shielding
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature range : -65°C to +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	NOMINAL PAIRS AND CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC1P0.2	0.2	1 X 2	4.7	42
FGCBPC2P0.2	0.2	2 X 2	6.7	72
FGCBPC3P0.2	0.2	3 X 2	7	82
FGCBPC5P0.2	0.2	5 X 2	8.1	112

EED 50-12 Table-5

SVARN E-BEAM XLSR INSULATED MULTIQUEAD INDIVIDUALLY SCREENED OFFSHORE CABLE

Svarn E-Beam XLSR insulated multiquad individually screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships & submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor.
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Polyester Tape Separator
- Tinned Copper Braided Overall Shielding
- Electron Beam Cross Linked Polyolefin Inner Sheath
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	NOMINAL QUAD	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC7Q0.2	0.2	7Q	15	333

EED 50-12 Table-6

SVARN E-BEAM XLPO INSULATED MULTICORE 1 PAIR INDIVIDUALLY SCREENED OFFSHORE CABLE

Svarn E-Beam XLPO insulated multicore 1 pair individually screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships & submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor.
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Polyester Tape Separator
- Tinned Copper Braided Overall Shielding
- Polyester Tape Separator
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature range : -65°C to +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	NOMINAL PAIRS AND CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC1P3C0.2	0.2	1P+3C	7	78

EED 50-12 Table-5

SVARN E-BEAM XLPO INSULATED MULTICORE COLLECTIVELY SCREENED OFFSHORE CABLE

Svarn E-Beam XLPO insulated multicore collectively screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships & submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor.
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Polyester Tape Separator
- Tinned Copper Braided Shielding
- Polyester Tape Separator
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

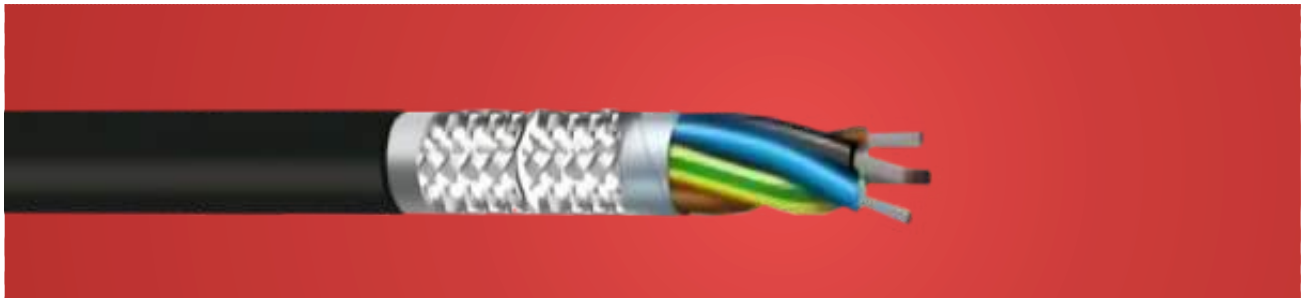
- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

PART NO.	NOMINAL SIZE OF CONDUCTOR	NOMINAL CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC12C0.35	0.35	12	8.7	125
FGCBPC4C0.6	0.6	4	6.1	69
FGCBPC2C1.5	1.5	2	6	72

EED 50-12 Table-10

SVARN E-BEAM XLPO INSULATED MULTICORE DOUBLE COLLECTIVELY SCREENED CABLE

Svarn E-Beam XLPO insulated multicore double collectively screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships & submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor.
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Polyester Tape Separator
- Tinned Copper Braided Shielding
- Tinned Copper Braided Shielding
- Polyester Tape Separator
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature range : -65°C to +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

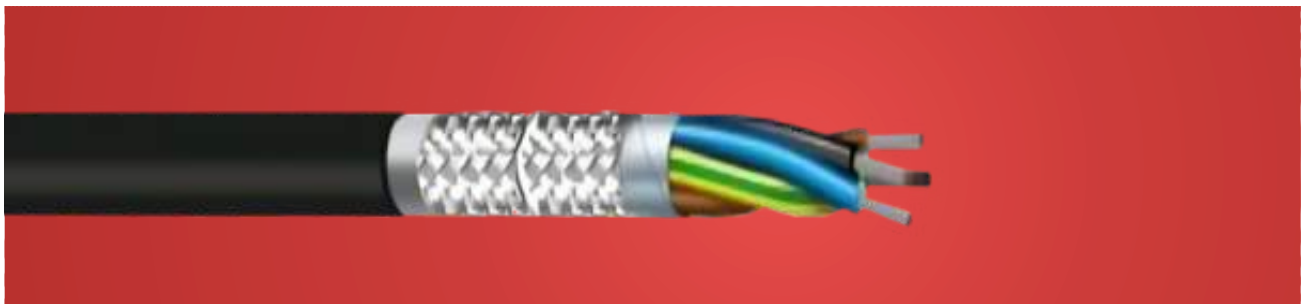
- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

PART NO.	NOMINAL SIZE OF CONDUCTOR	NOMINAL CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC3C0.6	0.6	3	5	73
FGCBPC4C0.6	0.6	6	7.8	123
FGCBPC2C0.6	0.6	2	5	62

EED 50-12 Table-5

SVARN E-BEAM XLPO INSULATED MULTI-PAIR DOUBLE INDIVIDUALLY SCREENED AND COLLECTIVELY SCREENED OFFSHORE CABLE

Svarn E-Beam XLPO insulated multi-pair double individually screened and collectively screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships & submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor.
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Tinned Copper Braided Shielding
- Tinned Copper Braided Individual Shielding
- Tinned Copper Braided Overall Shielding
- Polyester Tape Separator
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

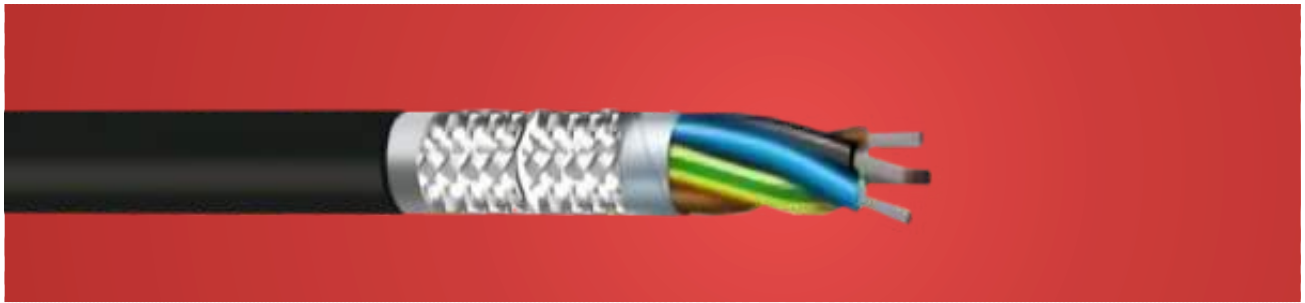
- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

PART NO.	NOMINAL SIZE OF CONDUCTOR	NOMINAL PAIRS	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC9P0.6	0.6	9	21	703
FGCBPC19P0.6	0.6	19	26	1304
FGCBP6C1.5	1.5	6	19	688

EED 50-12 Table-12

SVARN E-BEAM XLPO INSULATED MULTI-PAIR INDIVIDUAL AND COLLECTIVE HEAVILY SCREENED OFFSHORE CABLE

Svarn E-Beam XLPO insulated multi-pair individual and collective heavily screened offshore cables for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships & submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor.
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Polyester Tape Separator
- Tinned Copper Braided Shielding
- Metal Tape Separator
- Tinned Copper Braided Shielding
- Polyester Tape Separator
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

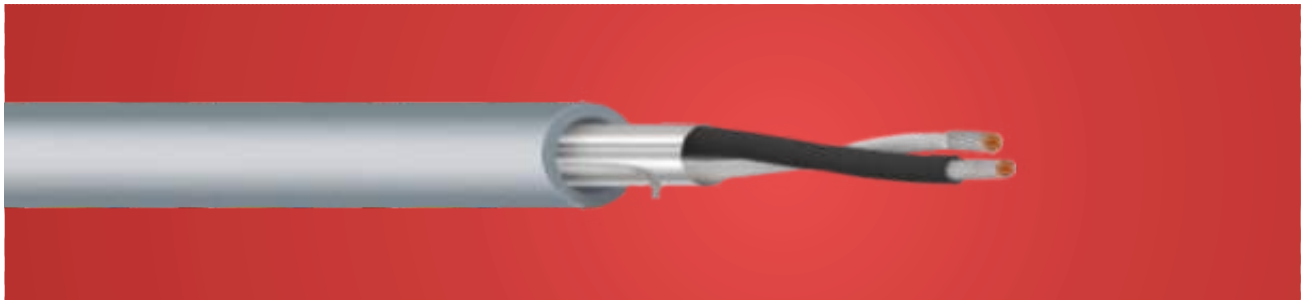
- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

PART NO.	NOMINAL SIZE OF CONDUCTOR	NOMINAL PAIRS	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC19P0.35	0.35	19	20	726

EED 50-12 Table-13

SVARN E-BEAM XLPO INSULATED MULTI CORE UNSCREENED OFFSHORE CABLE 0.2 SQMM

Svarn E-Beam XLPO insulated unscreened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships & submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor.
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Polyester Tape Separator
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

PART NO.	NOMINAL SIZE OF CONDUCTOR	NOMINAL CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC3C0.2	0.2	3	4.2	36
FGCBPC7C0.2	0.2	7	5.2	49
FGCBPC14C0.2	0.2	14	6.5	79
FGCBPC24C0.2	0.2	24	8.3	118
FGCBPC37C0.2	0.2	37	9.2	164
FGCBPC44C0.2	0.2	44	10.4	193

EED 50-12 Table-14

SVARN E-BEAM XLPO INSULATED MULTICORE UNSCREENED OFFSHORE CABLE [0.35 SQMM]

Svarn E-Beam XLPO insulated unscreened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships & submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Polyester Tape Separator
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

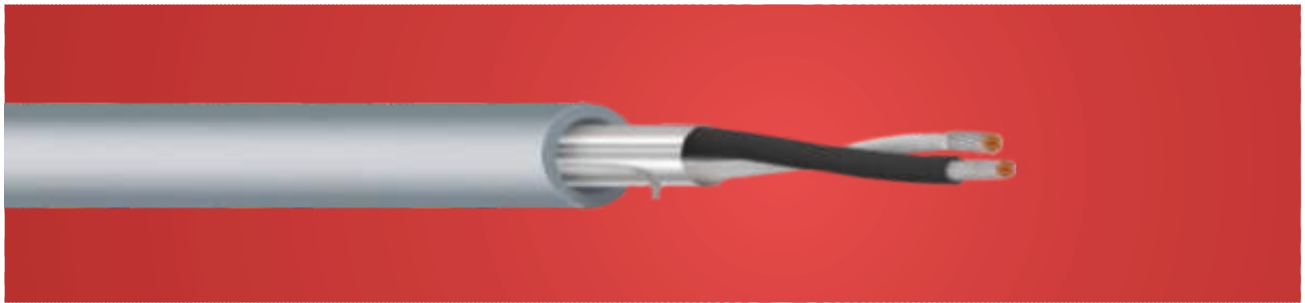
- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

PART NO.	NOMINAL SIZE OF CONDUCTOR	NOMINAL CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC3C0.35	0.35	3	5	40
FGCBPC7C0.35	0.35	7	6	58
FGCBPC14C0.35	0.35	14	7	97
FGCBPC18C0.35	0.35	18	7.6	123
FGCBPC19C0.35	0.35	19	8.2	128
FGCBPC24C0.35	0.35	24	9.1	158
FGCBPC37C0.35	0.35	37	10	218
FGCBPC44C0.35	0.35	44	11	284

EED 50-12 Table-15

SVARN E-BEAM XLPO INSULATED MULTICORE UNSCREENED OFFSHORE CABLE [0.5 SQMM]

Svarn E-Beam XLPO insulated unscreened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships & submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor.
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Polyester Tape Separator
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

PART NO.	NOMINAL SIZE OF CONDUCTOR	NOMINAL CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC3C0.5	0.5	3	5	48
FGCBPC7C0.5	0.5	7	6	77
FGCBPC14C0.5	0.5	14	7	133
FGCBPC19C0.5	0.5	19	8.2	166
FGCBPC24C0.5	0.5	24	9.1	223
FGCBPC37C0.5	0.5	37	10	315

EED 50-12 Table-16

SVARN E-BEAM XLPO INSULATED MULTICORE UNSCREENED OFFSHORE CABLE [0.75 SQMM]

Svarn E-Beam XLPO insulated unscreened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships & submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Polyester Tape Separator
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

PART NO.	NOMINAL SIZE OF CONDUCTOR	NOMINAL CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC2C0.75	0.75	2	5	48
FGCBPC3C0.75	0.75	3	5.5	57
FGCBPC4C0.75	0.75	4	5.9	70
FGCBPC7C0.75	0.75	7	6.8	98
FGCBPC10C0.75	0.75	10	8.9	145
FGCBPC14C0.75	0.75	14	9.2	183
FGCBPC19C0.75	0.75	19	9.8	224
FGCBPC24C0.75	0.75	24	11.2	279
FGCBPC37C0.75	0.75	37	12.7	405

EED 50-12 Table-17, 18

SVARN E-BEAM XLPO INSULATED MULTICORE UNSCREENED OFFSHORE CABLE [1, 1.5 SQMM]

Svarn E-Beam XLPO insulated unscreened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships & submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor.
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Polyester Tape Separator
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

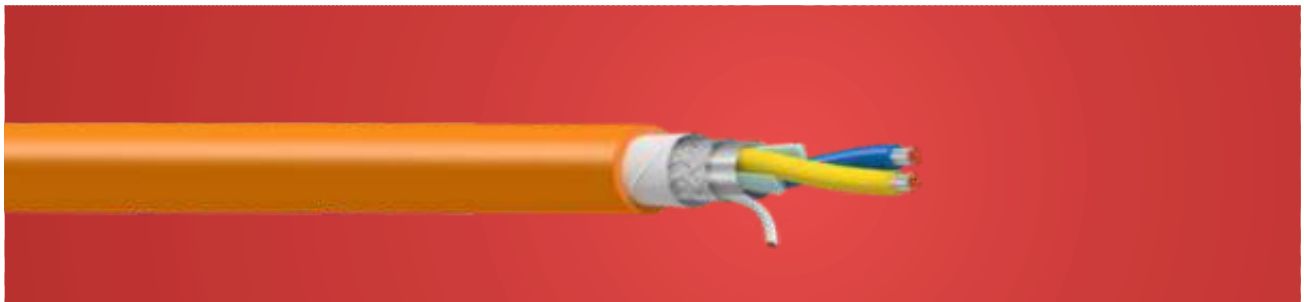
- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

PART NO.	NOMINAL SIZE OF CONDUCTOR	NOMINAL CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC2C1	1	2	5.4	49
FGCBPC3C1	1	3	5.9	61
FGCBPC7C1	1	7	6.8	113
FGCBPC14C1	1	14	9.4	208
FGCBPC24C1	1	24	12	338
FGCBPC2C1.5	1.5	2	5.9	73
FGCBPC3C1.5	1.5	3	6.2	87
FGCBPC7C1.5	1.5	7	7.9	147
FGCBPC14C1.5	1.5	14	10.8	278
FGCBPC24C1.5	1.5	24	14.2	453

EED 50-12 Table-19

SVARN E-BEAM XLPO EXTRA THIN WALL INSULATED MULTICORE COLLECTIVELY SCREENED OFFSHORE CABLE

Svarn E-Beam XLPO extra thin wall insulated collectively screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships and submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor.
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Polyester Tape Separator
- Annealed Tinned Copper Braided
- Polyester Tape Separator
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	NOMINAL CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC2C0.35	0.35	2	5	49
FGCBPC3C0.35	0.35	3	5.5	60
FGCBPC4C0.35	0.35	4	5.9	80
FGCBPC7C0.35	0.35	7	6.8	100
FGCBPC14C0.35	0.35	14	8.3	142
FGCBPC18C0.35	0.35	18	9.1	168
FGCBPC19C0.35	0.35	19	9.4	173
FGCBPC24C0.35	0.35	24	10.6	208
FGCBPC37C0.35	0.35	37	11.8	299
FGCBPC44C0.35	0.35	44	12.9	334
FGCBPC2C0.35	0.35	2	6.1	78
FGCBPC3C0.35	0.35	3	6.6	89
FGCBPC4C0.35	0.35	4	7.1	104
FGCBPC7C0.35	0.35	7	7.6	125
FGCBPC14C0.35	0.35	14	9.1	190
FGCBPC18C0.35	0.35	18	9.6	217
FGCBPC19C0.35	0.35	19	10.3	225
FGCBPC24C0.35	0.35	24	11.2	262
FGCBPC37C0.35	0.35	37	13.5	350
FGCBPC44C0.35	0.35	44	14.6	427

EED 50-12 Table-20

SVARN E-BEAM XLPO INSULATED MULTICORE COLLECTIVELY SCREENED OFFSHORE CABLE

Svarn E-Beam XLPO insulated multicore collectively screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships & submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Polyester Tape Separator
- Annealed Tinned Copper Braided
- Polyester Tape Separator
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

PART NO.	NOMINAL SIZE OF CONDUCTOR	NOMINAL CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC2C0.75	0.75	2	5.9	84
FGCBPC3C0.75	0.75	3	6.2	112
FGCBPC4C0.75	0.75	4	7.1	134
FGCBPC7C0.75	0.75	7	8.2	212
FGCBPC10C0.75	0.75	10	9.1	295
FGCBPC14C0.75	0.75	14	10.8	384
FGCBPC2C0.75	0.75	2	6.6	124
FGCBPC3C0.75	0.75	3	7.2	152
FGCBPC4C0.75	0.75	4	7.9	176
FGCBPC7C0.75	0.75	7	8.4	254
FGCBPC10C0.75	0.75	10	10.2	345
FGCBPC14C0.75	0.75	14	11.1	454

EED 50-12 Table-21, 22

SVARN E-BEAM XLPO INSULATED MULTI-PAIR COLLECTIVELY SCREENED OFFSHORE CABLE

Svarn E-Beam XLPO insulated multi-pair collectively screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships & submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor.
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Polyester Tape Separator
- Annealed Tinned Copper Braided
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

	NOMINAL SIZE OF CONDUCTOR	NOMINAL CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC1P0.35	0.35	1 X 2	5.9	44
FGCBPC3P0.35	0.35	3 X 2	6.9	89
FGCBPC5P0.35	0.35	5 X 2	8.2	123
FGCBPC7P0.35	0.35	7 X 2	9.1	143
FGCBPC12P0.35	0.35	12 X 2	11.2	218
FGCBPC27P0.35	0.35	27 X 2	15.2	423
FGCBPC37P0.35	0.35	37 X 2	17.2	542
FGCBPC1P0.75	0.75	1 X 2	5.8	86
FGCBPC3P0.75	0.75	3 X 2	8.5	166
FGCBPC5P0.75	0.75	5 X 2	9.9	235
FGCBPC7P0.75	0.75	7 X 2	11.5	274
FGCBPC12P0.75	0.75	12 X 2	14.2	464
FGCBPC19P0.75	0.75	19 X 2	17.2	635
FGCBPC27P0.75	0.75	27 X 2	20.3	904

EED 50-12 Table-23,24

SVARN E-BEAM XLPO INSULATED MULTI-PAIR INDIVIDUALLY SCREENED OFFSHORE CABLE

Svarn E-Beam XLPO insulated multi-pair individually screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships and submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Annealed Tinned Copper Braided
- Polyester Tape Separator
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

PART NO.	NOMINAL SIZE OF CONDUCTOR	NOMINAL CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC1P0.35	0.35	1 X 2	5.2	52
FGCBPC2P0.35	0.35	2 X 2	8.8	93
FGCBPC3P0.35	0.35	3 X 2	9.3	133
FGCBPC5P0.35	0.35	5 X 2	11.2	204
FGCBPC7P0.35	0.35	7 X 2	12.3	264
FGCBPC19P0.35	0.35	19 X 2	19.1	554
FGCBPC1P0.75	0.75	1 X 2	5.8	82
FGCBPC3P0.75	0.75	3 X 2	11.2	214
FGCBPC5P0.75	0.75	5 X 2	13.3	322
FGCBPC7P0.75	0.75	7 X 2	14.3	423
FGCBPC16P0.75	0.75	16 X 2	20.3	682

EED 50-12 Table-25

SVARN E-BEAM XLPO INSULATED SINGLE CORE UNSCREENED OFFSHORE CABLE

Svarn E-Beam XLPO insulated single core unscreened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships and submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

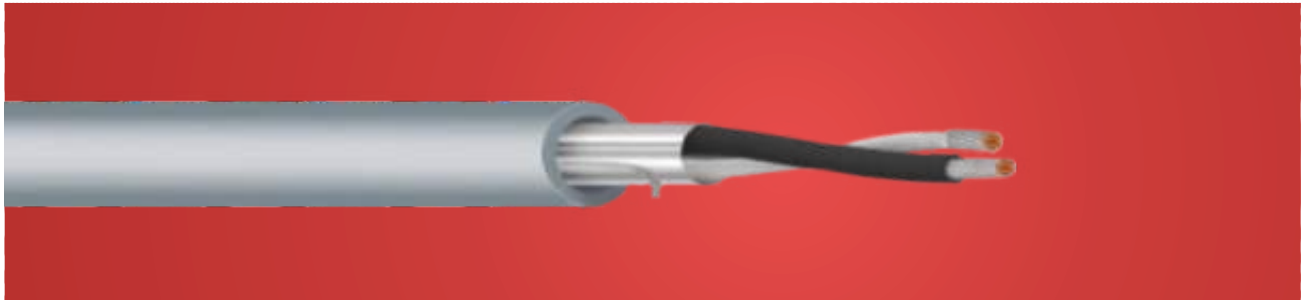
- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

ITEM CODE	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC1C0.5	0.5	1	4.1	24
FGCBPC1C60.75	0.75	1	4.3	28
FGCBPC1C1.0	1.0	1	4.5	32
FGCBPC1C2.5	2.5	1	4.7	50
FGCBPC1C4	4	1	5.2	74
FGCBPC1C6	6	1	6.2	98
FGCBPC1C10	10	1	6.8	154
FGCBPC1C16	16	1	8.3	230
FGCBPC1C25	25	1	9.9	337
FGCBPC1C35	35	1	12	433
FGCBPC1C50	50	1	15.4	618
FGCBPC1C70	70	1	17.6	853
FGCBPC1C95	95	1	19.5	1097
FGCBPC1C120	120	1	21.4	1333
FGCBPC1C150	150	1	24	1718
FGCBPC1C185	185	1	26.3	2067
FGCBPC1C240	240	1	29.5	2700
FGCBPC1C300	300	1	32.9	3350
FGCBPC1C400	400	1	37.1	4320
FGCBPC1C500	500	1	42	5430
FGCBPC1C630	630	1	46.7	7048

EED 50-12 Table-26

SVARN E-BEAM XLPO INSULATED TWO CORE UNSCREENED OFFSHORE CABLE

Svarn E-Beam XLPO insulated two core unscreened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships and submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Polyester Tape Separator
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

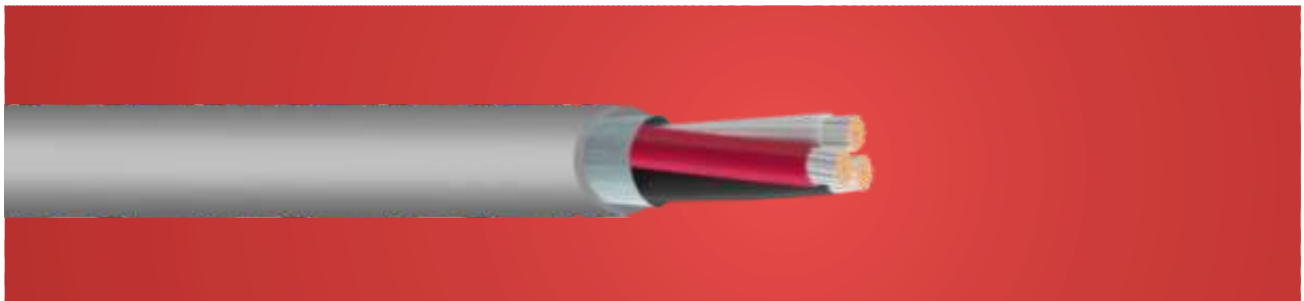
- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

PART NO.	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC2C0.5	0.5	2	6.9	64
FGCBPC2C0.75	0.75	2	7.3	74
FGCBPC2C1.0	1	2	7.7	82
FGCBPC2C1.5	1.5	2	8.2	99
FGCBPC2C2.5	2.5	2	9.4	141
FGCBPC2C4	4	2	10.9	176
FGCBPC2C6	6	2	12.3	238
FGCBPC2C10	10	2	15.5	380
FGCBPC2C16	16	2	18.5	562
FGCBPC2C25	25	2	22.8	852
FGCBPC2C35	35	2	24.9	1083
FGCBPC2C50	50	2	29.8	1674
FGCBPC2C70	70	2	34.2	2273
FGCBPC2C95	95	2	38	2927
FGCBPC2C120	120	2	42	3521
FGCBPC2C150	150	2	47.3	4402

EED 50-12 Table-27

SVARN E-BEAM XLPO INSULATED THREE CORE UNSCREENED OFFSHORE CABLE

Svarn E-Beam XLPO insulated three core unscreened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships and submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Polyester Tape Separator
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

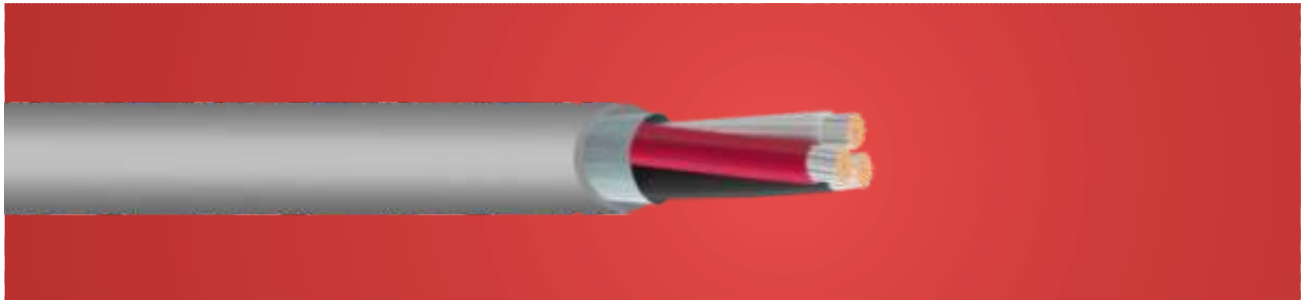
- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

PART NO.	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC3C0.5	0.5	3	7.3	72
FGCBPC3C0.75	0.75	3	7.7	84
FGCBPC3C1.0	1	3	8.1	97
FGCBPC3C1.5	1.5	3	8.9	123
FGCBPC3C2.5	2.5	3	9.8	165
FGCBPC3C4	4	3	11.7	243
FGCBPC3C6	6	3	13	322
FGCBPC3C10	10	3	16.6	527
FGCBPC3C16	16	3	20	786
FGCBPC3C25	25	3	24.3	1152
FGCBPC3C35	35	3	26.9	1512
FGCBPC3C50	50	3	32	2152
FGCBPC3C70	70	3	36.8	2952
FGCBPC3C95	95	3	40.7	3762
FGCBPC3C120	120	3	45.2	4672
FGCBPC3C150	150	3	50.9	5917
FGCBPC3C185	185	3	56	7195
FGCBPC3C240	240	3	63	9349

EED 50-12 Table-28

SVARN E-BEAM XLPO INSULATED MULTICORE UNSCREENED OFFSHORE CABLE

Svarn E-Beam XLPO insulated multicore unscreened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships and submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Polyester Tape Separator
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

PART NO.	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC4C0.5	0.5	4	7.8	72
FGCBPC4C0.75	0.75	4	8.3	84
FGCBPC4C1.0	1	4	8.8	97
FGCBPC4C1.5	1.5	4	9.6	123
FGCBPC4C2.5	2.5	4	10.7	165
FGCBPC4C4	4	4	12.8	243

PART NO.	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC5C0.5	0.5	5	8.5	72
FGCBPC5C0.75	0.75	5	9.8	84
FGCBPC5C1.0	1	5	11.9	97
FGCBPC5C2.5	2.5	5	17.5	165
FGCBPC5C4	4	5	11.7	243
FGCBPC6C6	6	6	17.6	588
FGCBPC7C0.5	0.5	7	9.2	119
FGCBPC7C1.0	1	7	10.7	176
FGCBPC7C2.5	2.5	7	13	308
FGCBPC7C4	4	7	15.5	461
FGCBPC7C6	6	7	17.5	636
FGCBPC7C10	10	7	22.1	1030
FGCBPC7C16	16	7	27.1	1557
FGCBPC7C25	25	7	33	2308
FGCBPC7C35	35	7	36.5	3076
FGCBPC7C50	50	7	43.5	4385
FGCBPC7C70	70	7	50.1	6079
FGCBPC8C0.5	0.5	8	11.1	152
FGCBPC8C1.5	1.5	8	13.9	301
FGCBPC8C2.5	2.5	8	15.5	414
FGCBPC8C4	4	8	18.5	615

EED 50-12 Table-29

SVARN E-BEAM XLPO INSULATED SINGLE AND MULTICORE COLLECTIVELY SCREENED OFFSHORE CABLE

Svarn E-Beam XLPO insulated single and multicore collectively screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships and submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Polyester Tape Separator
- Tinned Copper Braided Screened
- Polyester Tape Separator
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

PART NO.	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC1C4	4	1	8.3	152
FGCBPC1C10	10	1	10.6	2527
FGCBPC1C50	50	1	17.4	712
FGCBPC1C240	240	1	32.2	3052
FGCBPC2C1.0	1	2	9.2	121
FGCBPC2C1.5	1.5	2	9.9	144
FGCBPC2C2.5	2.5	2	10.8	189
FGCBPC2C4	4	2	12.4	258
FGCBPC2C6	6	2	14	321
FGCBPC2C10	10	2	16.8	503
FGCBPC2C16	16	2	20.6	757

PART NO.	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC2C25	25	2	24.6	1053
FGCBPC2C35	35	2	28.4	1323
FGCBPC2C50	50	2	33.2	1829
FGCBPC2C70	70	2	37.9	2445
FGCBPC2C95	95	2	42.3	3079
FGCBPC2C120	120	2	46.6	3755
FGCBPC2C150	150	2	52.7	4697
FGCBPC3C1.0	1	3	10.2	156
FGCBPC3C1.5	1.5	3	10.7	178
FGCBPC3C2.5	2.5	3	11.7	227
FGCBPC3C4	4	3	13.2	316
FGCBPC3C6	6	3	14.7	404
FGCBPC3C10	10	3	17.7	629
FGCBPC3C16	16	3	22.5	974
FGCBPC3C25	25	3	26.9	1367
FGCBPC3C35	35	3	30.7	1924
FGCBPC3C50	50	3	36.5	2502
FGCBPC3C70	70	3	40.9	3487
FGCBPC3C95	95	3	45	4362
FGCBPC3C120	120	3	49.8	5342
FGCBPC3C150	150	3	55.9	6662
FGCBPC3C185	185	3	61.2	8022
FGCBPC3C240	240	3	68.8	10282
FGCBPC4C1.0	1	4	10.2	168
FGCBPC4C1.5	1.5	4	10.9	197
FGCBPC4C2.5	2.5	4	12.2	262
FGCBPC4C6	6	4	15.6	477
FGCBPC5C0.75	0.75	5	10.5	192
FGCBPC5C1.0	1	5	11.1	207
FGCBPC5C1.5	1.5	5	11.7	252
FGCBPC7C0.5	0.5	7	10.8	194
FGCBPC7C0.75	0.75	7	11.4	222
FGCBPC8C0.75	0.75	8	14.2	282
FGCBPC8C1.0	1	8	15	292
FGCBPC7C0.5	0.5	7	10.8	194
FGCBPC7C0.75	0.75	7	11.4	222

EED 50-12 Table-30

SVARN E-BEAM XLPO INSULATED SINGLE AND MULTI-PAIR COLLECTIVELY SCREENED OFFSHORE CABLE

Svarn E-Beam XLPO insulated single and multi-pair collectively screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships and submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Polyester Tape Separator
- Tinned Copper Braided Screened
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

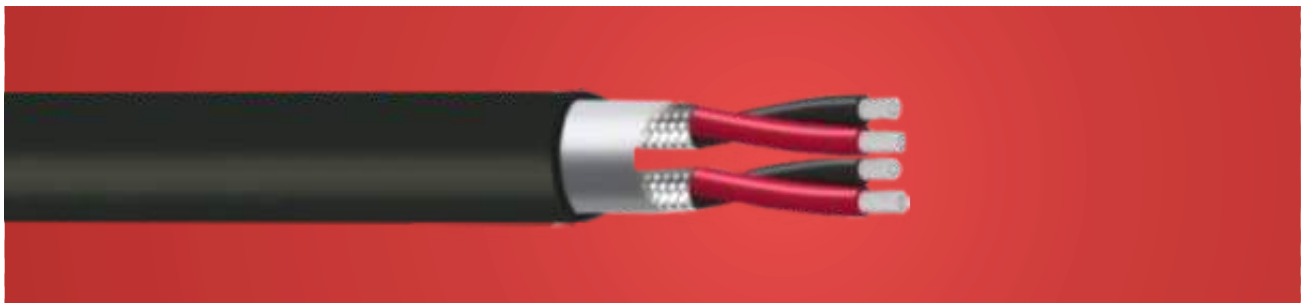
- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

PART NO.	NOMINAL SIZE OF CONDUCTOR	NOMINAL CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC1P0.5	0.5	1 X 2	8	102
FGCBPC2P0.5	0.5	2 X 2	11.8	192
FGCBPC5P0.5	0.5	5 X 2	15.3	261
FGCBPC9P0.5	0.5	9 X 2	18.7	420
FGCBPC18P0.5	0.5	18 X 2	25.2	798
FGCBPC1P0.6	0.6	1 X 2	8.3	105
FGCBPC2P0.6	0.6	2 X 2	12.3	153
FGCBPC3P0.6	0.6	3 X 2	12.8	198
FGCBPC4P0.6	0.6	4 X 2	14.1	246
FGCBPC7P0.6	0.6	7 X 2	16.9	372
FGCBPC11P0.6	0.6	11X 2	21.1	545
FGCBPC16P0.6	0.6	16 X 2	24.5	777
FGCBPC19P0.6	0.6	19X 2	26.5	916
FGCBPC1P0.75	0.75	1 X 2	8.6	108
FGCBPC2P0.75	0.75	2 X 2	12.6	202
FGCBPC3P0.75	0.75	3 X 2	13.2	232
FGCBPC4P0.75	0.75	4 X 2	14.6	286
FGCBPC7P0.75	0.75	7 X 2	17.5	416
FGCBPC16P0.75	0.75	16X 2	25.3	822
FGCBPC19P0.75	0.75	19 X 2	27.3	972
FGCBPC24P0.75	0.75	24X 2	30.7	1172

EED 50-12 Table-31

SVARN E-BEAM XLPO INSULATED MULTI-PAIR INDIVIDUALLY SCREENED OFFSHORE CABLE

Svarn E-Beam XLPO insulated multi-pair individually screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships & submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor
- Electron Beam Cross Linked Polyolefin Insulation
- Tinned Copper Braided Screened
- Polyester Tape Separator
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

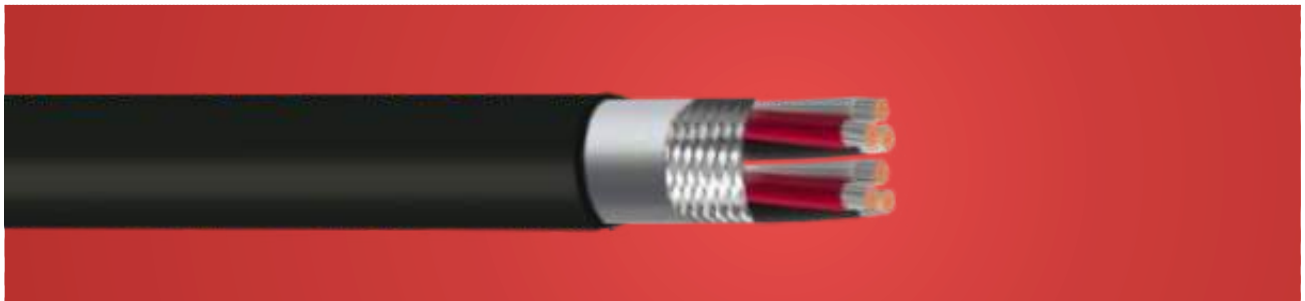
- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

PART NO.	NOMINAL SIZE OF CONDUCTOR	NOMINAL CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC2P0.5	0.5	2 X 2	11.8	192
FGCBPC5P0.5	0.5	5 X 2	15.3	261
FGCBPC9P0.5	0.5	9 X 2	18.7	420
FGCBPC18P0.5	0.5	18 X 2	25.2	798
FGCBPC3P0.6	0.6	3 X 2	12.8	198
FGCBPC4P0.6	0.6	4 X 2	14.1	246
FGCBPC7P0.6	0.6	7 X 2	16.9	372
FGCBPC16P0.75	0.75	16 X 2	35.6	1780
FGCBPC3P1.0	1	3 X 2	17.3	432
FGCBPC4P1.0	1	4 X 2	18.8	513
FGCBPC7P1.0	1	7 X 2	23.2	748

EED 50-12 Table-32

SVARN E-BEAM XLPO INSULATED SINGLE AND MULTI-TRIAD COLLECTIVELY SCREENED OFFSHORE CABLE

Svarn E-Beam XLPO insulated single and multi-triad collectively screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships and submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Tinned Copper Braided Screened
- Polyester Tape Separator
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

PART NO.	NOMINAL SIZE OF CONDUCTOR	NOMINAL TRIADS	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC1T0.5	0.5	1 X 3	8.4	112
FGCBPC3T0.5	0.5	3 X 3	13.9	252
FGCBPC7T0.5	0.5	7 X 3	19.7	512
FGCBPC1T0.75	0.75	1 X 3	9.2	136
FGCBPC1T1.5	1.5	1 X 3	10.1	166

EED 50-12 Table-33

SVARN E-BEAM XLPO INSULATED SINGLE AND MULTI-TRIAD INDIVIDUALLY SCREENED OFFSHORE CABLE

Svarn E-Beam XLPO insulated single and multi-triad individually screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships & submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor
- Electron Beam Cross Linked Polyolefin Insulation
- Polyester Tape Separator
- Tinned Copper Braided Screened
- Polyester Tape Separator
- Polyester Tape Separator Over Triads
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

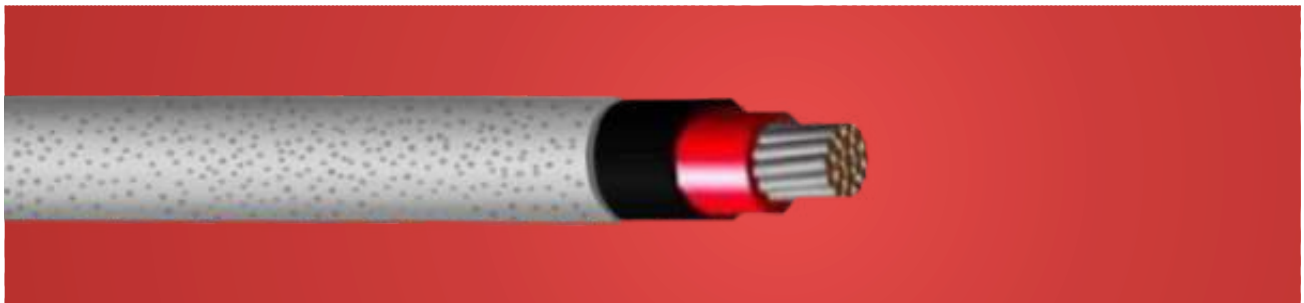
- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

PART NO.	NOMINAL SIZE OF CONDUCTOR	NOMINAL TRIADS	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC3T0.5	0.5	3 X 3	14.8	333
FGCBPC4T0.5	0.5	4 X 3	18.2	502
FGCBPC7T0.5	0.5	7 X 3	21.3	703
FGCBPC10T0.5	0.5	10 X 3	28.7	1204

EED 50-12 Table-34

SVARN E-BEAM XLPO INSULATED SINGLE CORE SCREENED OUTER SHEATH OFFSHORE CABLE

Svarn E-Beam XLPO insulated single core screened outer sheath offshore cables are designed for wiring between components, instruments and electric equipment in marine vehicles mainly ships and submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Electron Beam Cross Linked Polyolefin Outer Sheath
- Tinned Copper Braided Screened Over Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

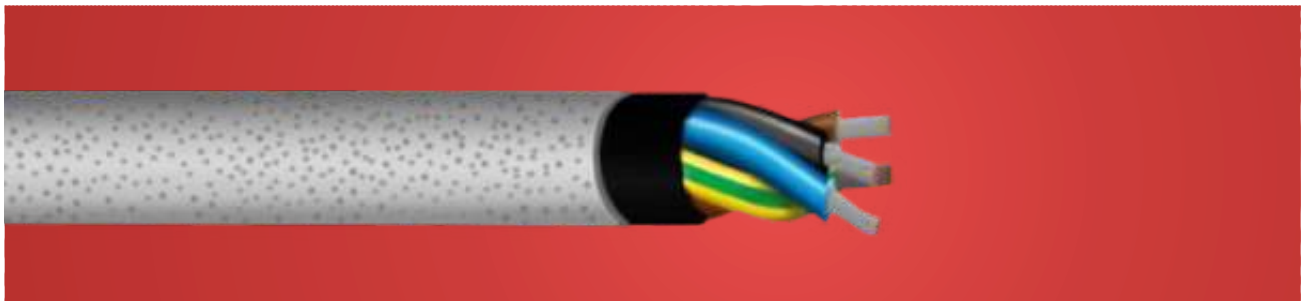
- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

PART NO.	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC1C0.5	0.5	1	5	50
FGCBPC1C60.75	0.75	1	5.2	55
FGCBPC1C1.0	1.0	1	5.3	59
FGCBPC1C1.5	1.5	1	5.6	64
FGCBPC1C2.5	2.5	1	6.1	84
FGCBPC1C4.0	4.0	1	7.3	124
FGCBPC1C6.0	6.0	1	7.9	158

EED 50-12 Table-35

SVARN E-BEAM XLPO INSULATED MULTICORE SCREENED OUTER SHEATH OFFSHORE CABLE

Svarn E-Beam XLPO insulated multicore screened outer sheath offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships and submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Polyester Tape Separator
- Electron Beam Cross Linked Polyolefin Outer Sheath
- Tinned Copper Braided Screened Over Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

PART NO.	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC2C0.5	0.5	2	8	97
FGCBPC2C0.75	0.75	2	8.4	106
FGCBPC2C1.0	1.0	2	8.8	117
FGCBPC2C1.5	1.5	2	9.5	152
FGCBPC2C2.5	2.5	2	10.4	177
FGCBPC3C0.5	0.5	3	8.4	114
FGCBPC3C0.75	0.75	3	8.8	127
FGCBPC3C1.0	1.0	3	9.2	137
FGCBPC3C1.5	1.5	3	10	162
FGCBPC4C0.5	0.5	4	9	127
FGCBPC4C0.75	0.75	4	9.5	142
FGCBPC5C0.5	0.5	5	9.8	147
FGCBPC7C0.5	0.5	7	10.7	177

EED 50-12 Table-36

SVARN E-BEAM XLPO INSULATED MULTICORE INDIVIDUALLY AND COLLECTIVELY SCREENED OFFSHORE CABLE

Svarn E-Beam XLPO insulated multicore individually and collectively screened offshore cables are designed for wiring between components, instruments and electric equipment in marine vehicles mainly ships and submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Polyester Tape Separator
- Tinned Copper Braided Screened
- Polyester Tape Separator
- Polyester Tape Separator Over Core Layup
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

PART NO.	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC3C0.5	0.5	2	10.6	167
FGCBPC5C0.5	0.5	5	12.9	232
FGCBPC7C0.5	0.5	7	15.4	302
FGCBPC14C0.5	0.5	14	19.7	562
FGCBPC19C0.5	0.5	19	23.4	742

EED 50-12 Table-38

SVARN E-BEAM XLPO INSULATED MULTI-PAIR INDIVIDUALLY/ OVERALL SCREENED OFFSHORE CABLE

Svarn E-Beam XLPO insulated multi-pair individually/overall screened offshore cables are designed for fixed wiring between components, instruments and electric equipment in marine vehicles mainly ships and submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Polyester Tape Separator
- Electron Beam Cross Linked Inner Sheath
- Tinned Copper Braided Screen
- Polyester Tape Separator
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

PART NO.	NOMINAL SIZE OF CONDUCTOR	CORES	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC2P0.5	0.5	2 X 2	13.7	300
FGCBPC5P0.5	0.5	5 X 2	17.8	523
FGCBPC9P0.5	0.5	9 X 2	22.9	987
FGCBPC18P0.5	0.5	18 X 2	30.3	1702
FGCBPC2P0.75	0.75	3 X 2	14.2	283
FGCBPC4P0.75	0.75	4 X 2	16.7	433
FGCBPC7P0.75	0.75	7 X 2	19.6	634
FGCBPC10P0.75	0.75	10 X 2	24.3	953
FGCBPC12P0.75	0.75	12 X 2	25.2	1082
FGCBPC14P0.75	0.75	14 X 2	26.7	1204
FGCBPC19P0.75	0.75	19 X 2	31.7	1623
FGCBPC3P1.0	1	3 X 2	18.3	552
FGCBPC4P1.0	1	4 X 2	20.3	751
FGCBPC7P1.0	1	7 X 2	24.6	1118

EED 50-12 Table-39

SVARN E-BEAM XLPO INSULATED MULTI-TRIAD INDIVIDUALLY/COLLECTIVELY SCREENED OFFSHORE CABLE

Svarn E-Beam XLPO insulated multi-triad individually and collectively screened offshore cables are designed for wiring between components, instruments and electric equipment in marine vehicles mainly ships and submarine. They are installed in marine vehicles and passenger ships.



CABLE STRUCTURE

- Annealed Tinned Flexible Copper Conductor
- Electron Beam Cross Linked Double Layer Polyolefin Insulation
- Polyester Tape Separator
- Electron Beam Cross Linked Inner Sheath
- Tinned Copper Braided Screen
- Polyester Tape Separator
- Electron Beam Cross Linked Polyolefin Outer Sheath

TECHNICAL DATA

- Temperature Range : -65°C To +120°C
- Nominal Voltage : 600 Volts
- Test Voltage : 1500 Volts
- Bending Radius : 10X Cable Dia
- Specification : EED 50-12 (Rev 3)

FEATURES

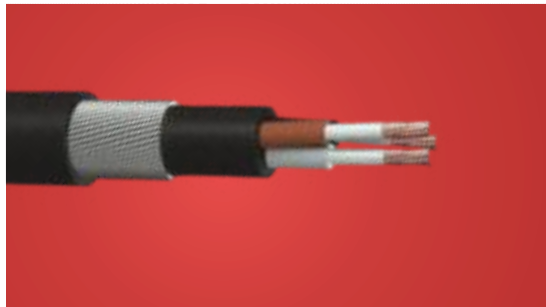
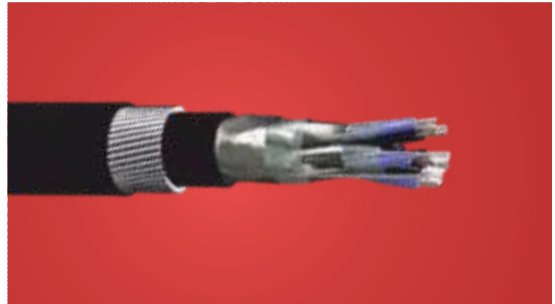
- UV Resistant
- Sunlight Resistant
- Fire Retardant
- Halogen Free
- Oil & Chemical Resistant
- ROHS Compliant

PART NO.	NOMINAL SIZE OF CONDUCTOR	NOMINAL PAIRS	MINIMUM OVERALL DIAMETER	NOMINAL WEIGHT
	Sq.mm		mm	Kg/km
FGCBPC3T0.5	0.5	3 X 3	15.9	403
FGCBPC7T0.5	0.5	7 X 3	22.8	858

COMPREHENSIVE CABLING SOLUTIONS FOR MARINE & OFFSHORE DEFENCE APPLICATIONS

CONTROL CABLES

Svarn flexible shielded cables, ranging from 2 to 100 cores, efficiently transport energy, ranging from 300 volts to 1kV, along with low-frequency signals essential for controlling motor drives or generators. These cables play a crucial role in tasks such as breaking, positioning, or optimizing rotor RPMs. Special sheathing is available for ultra-low temperatures, while smaller cables are halogen-free. Our torsion- and oil-resistant cables are designed to last for 20 years and more.

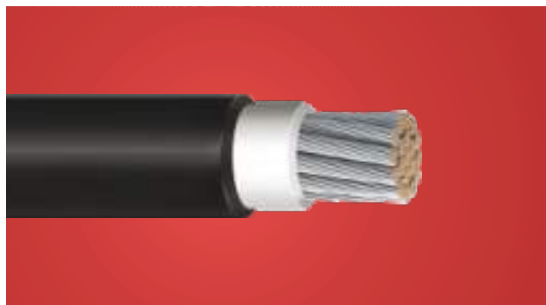
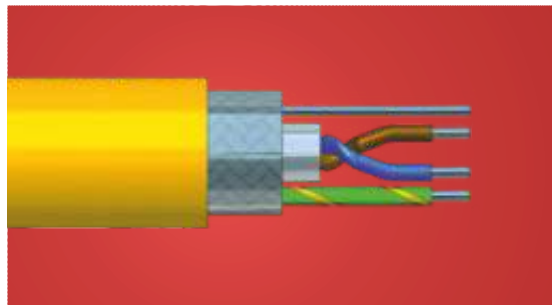


FIRE RESISTANT CABLES

Ensuring continuous functionality during emergencies is critical in hydropower plants. Svarn leads in fire-resistant cable technology, crafting control and power cables specifically for safety systems like emergency lighting, fire detection, and door opening mechanisms. These cables maintain electrical circuit integrity for a defined duration post-fire, enhancing safety for both personnel and the plant itself. Svarn's fire-resistant cables are instrumental in safeguarding lives and infrastructure within hydropower facilities.

FIELDBUS, COAXIAL CABLES

In hydropower plants, Can Bus or Profibus cables ensure precise control over functions such as motor operation, rudder adjustment, and hydraulic systems with their fixed impedance and accurate digital signal transmission. Coaxial cables handle high-frequency data transmission for communication equipment, and instrumentation onboard, while also delivering video signals for surveillance cameras.

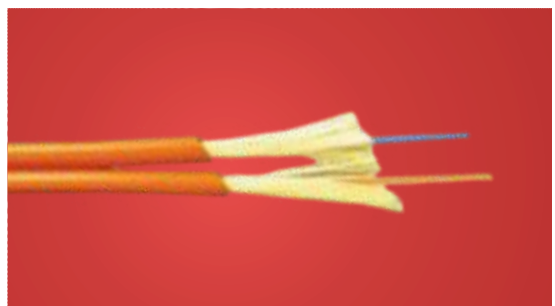


LOW-VOLTAGE 120°C FLEXIBLE CABLES WITH EMC

Svarn manufactures LV silicone cables designed specifically for hydropower plants, ideal for connecting generators to transformers. These cables are engineered to withstand extreme heat up to 120°C and are available in a Low-Smoke Zero-Halogen (LSZH) version for added safety.

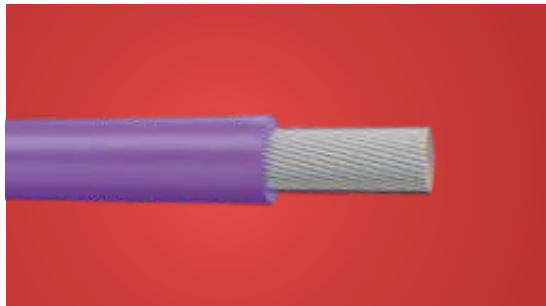
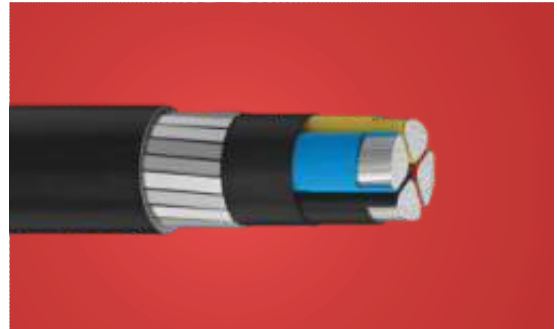
FIBER-OPTIC CABLES

To ensure high data transmission capacity for monitoring and control, Svarn's rugged, halogen-free fibre-optic cables offer Electromagnetic Compatibility (EMC) in energy-dense areas. They are very flexible and can handle high torsion. Large cores (200 microns) make connectivity easier.



POWER & CONTROL CABLES

Svarn unarmoured power and control cables are used for wiring fixed installations not subject to mechanical risks, while armoured cables are recommended for areas where enhanced mechanical protection and electrical screening (Electromagnetic Compatibility) is required. The highly flexible range of cables are recommended for installations and connections in narrow spaces where an optimal bending radius is required. The sectoral conductors of multicore cables provide further space and weight savings on the cable trays.

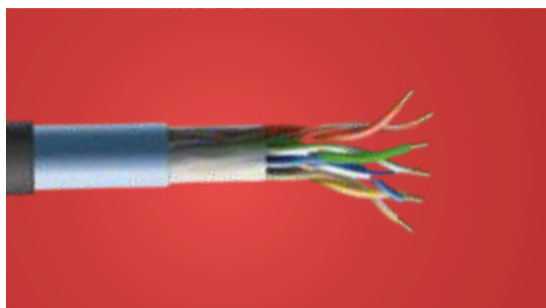


LOW-VOLTAGE LOOP RUBBER CABLES

These cables (up to 1kV) reliably transmit energy produced in the generator to the transformer. They come in Low-Smoke Zero-Halogen (LSZH) versions and are also oil, abrasion, UV and ozone-resistant. Before supply, Svarn rigorously tests these cables for lifetime durability, adhering to strict movement and torsion standards.

LOW-VOLTAGE FIXED INSTALLATION CABLES

Svarn provides hydro OEMs with LV aluminum cables. These cables, whether single or multicore, offer EMC screening. Compared to copper, aluminum single cores are larger yet weigh half as much, making them cost-effective and easier to handle during installation.



ELECTRONIC AND DATA TRANSMISSION CABLES

Thermoplastic Modified (TPM) 2 to 5-core sensor multicore and multipair cables measure water speed, temperatures, and performance parameters, while 2-core Fieldbus cables are used in parallel with energy cables to digitally control all electronic and mechanical devices. 2-core Profibus cables deliver up to 12 Mbit/s for complex control services; and data transmission cables offer Industrial Ethernet speed. Increasingly, all cables are shielded for EMC protection.



SVARN GROUP

Inspired by possibilities



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