



SVARN
Inspired by possibilities

CAT6 SFTP PATCH CORD

PRODUCT DETAILS

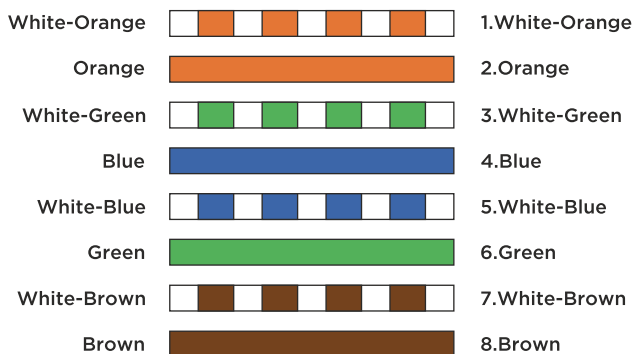
Svarn solid conductor twisted-pair cables is simple, cost-effective and for high-speed transmission performance. Our cables support a higher signal-to-noise ratio and providing better reliability with higher data rates over local area Networks (LANs).

- 10 Base-T, 100 Base-TX, 1000 Base-T
- Temperature Rating : -15°C to +70°C
- UV Resistance
- RoHS Compliant

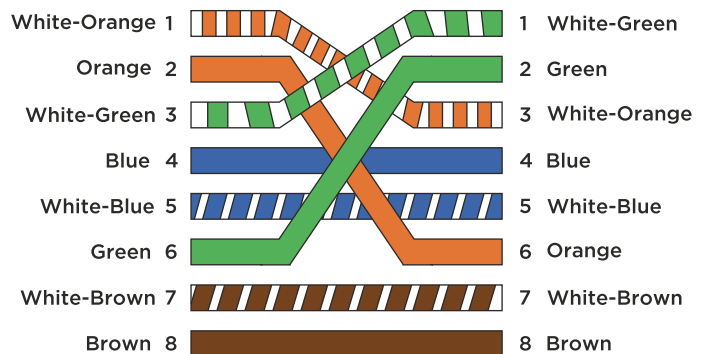


PIN CONFIGURATION

Straight



Cross



SPECIFICATIONS CABLE

Mechanical	
Inner Conductor	24 AWG Bare Solid Copper, 4 Pair Twisted
Insulation Material	High Density Polyethylene
Insulation Dia.	1.22 - 0.05
Shielding	Aluminum Foil With Drain Wire
Braiding Coverage (appx)	60%
Sheath Color/Material	Grey / PVC ROH Scomplied
Sheath Dia.	7.5 - 0.5MM
Bending Radius	8 x Cable Diameter
Temperature Range	-15°C to +70°C



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Electrical	
Impedance @ 1 MHZ	100 ± 15 Ω
Capacitance	50 ± 5 NF/KM
Insulation resistance at 500 V	5000 M Ω / KM (Min.)
Conductor Resistance at 20°C	7.5 Ω Max. / 100 M
HVT Test	1 KV DC
Conductor Resistance at 20°C	Uncharged Portion Minimum 50 MM

CHANNEL TEST CONFIGURATION TRANSMISSION PARAMETERS AS PER ANSI/TIA-568-C.2

Frequency (MHZ)	Attenuation at 20°C dB/100m Maximum	Return Loss at 20°C Minimum in dB	NEXT at 20°C Minimum in dB
1	3.0	19	65
10	6.3	19	56.6
20	9.0	17.5	51.6
100	21.3	12	39.9
200	31.5	9	34.8
250	35.9	8	33.1

MODULAR PLUG

Electrical Specifications

- Dielectric withstanding Voltage : 1000V DC/Min., <0.5A
- Insulation resistance : 500 M Ω
- Contact resistance : <20 M Ω
- UL applications : 250 Volts AC Max at 2 Amps.

Mechanical Specifications

- Cable-To-Plug Tensile Strength : 20lbs(89N)Min.
- Insertion / Extraction Life (durability) : > 750 Mating Cycle
- Plug Material / Housing

Material : Polycarbonate UL94V-0 or 94V-2

Finish : Transparent

Contact Material

Material : Copper Alloy

Finish : Gold

Shielded Shell

Material : Copper Alloy

Finish : Nickel Plated

