



SRiNi LiNK®

Mfg. of Wires & Cables 

CONNECT YOUR FUTURE

TELEPHONE CABLE CAT 5e & CAT 6 CABLE

*The best way to
connect world is
Telecom & Internet*



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TELEPHONE CABLES

Application: These cables are specially designed for telecommunication and switchboard where very low frequency and high communication is required. These cables are mainly used in all types of building, hotels, residential complexes, corporate offices, factories as a switchboard and internal telephone cables.

Conductor: With Bright-annealed EC grade copper with **99.90 % to 99.97 % purity**, which offer low conductor resistance, which help in clear conservation.

RoHS Insulation : Its insulation material is HDPE (High Density polyethylene) because of which \pm temperature, insulation resistance, impedance, capacitance required nominal properties are maintained.

RoHS Sheath : The RoHS FR PVC sheath is loosely jacketed (coated just like sleeve) for better usage in application and usually in grey colour or as per customer requirement.

Inner Core Structure: The cores are uniformly twisted together with suitable lays & bunched together in such a way that the crosstalk get reduce.

SRI NI LI NK (FR) 2 PAIR TELEPHONE CABLES (RoHS)

CONDUCTOR SIZE	0.40, 0.50 & 0.60 mm & As per requirement
INSULATION THICKNESS	Average 0.20 mm
DIAMETER OF INSULATION	Maximum 0.92 mm
RIP CORD	Nylon
PACKING	100 Mtrs / 500 Mtrs & As per requirement

TECHNICAL SPECIFICATION :

Construction & Outer diameter	1 Pair 2.75 mm	2 Pair 3.50 mm	3 Pair 4.00 mm	4 Pair 4.70 mm	5 Pair 5.50 mm	10 Pair 8.20 mm	20 Pair 10.50 mm
1 Pair	White-Blue	White-Blue	White-Blue	White-Blue	White-Blue	White-Blue	White-Blue
2 Pair	-	White-Orange	White-Orange	White-Orange	White-Orange	White-Orange	White-Orange
3 Pair	-	-	White-Green	White-Green	White-Green	White-Green	White-Green
4 Pair	-	-	-	White-Brown	White-Brown	White-Brown	White-Brown
5 Pair	-	-	-	-	White-Grey	White-Grey	White-Grey
6 Pair	-	-	-	-	-	Red-Blue	Red-Blue
7 Pair	-	-	-	-	-	Red-Orange	Red-Orange
8 Pair	-	-	-	-	-	Red-Green	Red-Green
9 Pair	-	-	-	-	-	Red-Brown	Red-Brown
10 Pair	-	-	-	-	-	Red-Grey	Red-Grey
11 Pair	-	-	-	-	-	-	Black-Blue
12 Pair	-	-	-	-	-	-	Black-Orange
13 Pair	-	-	-	-	-	-	Black-Green
14 Pair	-	-	-	-	-	-	Black-Brown
15 Pair	-	-	-	-	-	-	Black-Grey
16 Pair	-	-	-	-	-	-	Yellow-Blue
17 Pair	-	-	-	-	-	-	Yellow-Orange
18 Pair	-	-	-	-	-	-	Yellow-Green
19 Pair	-	-	-	-	-	-	Yellow-Brown
20 Pair	-	-	-	-	-	-	Yellow-Grey



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CAT 5e & CAT 6

Application: Ethernet cables are mainly used in Local Area Networking (LAN) cable system, in normal terms internet connection, grouping of more than one computers.

CAT 5e cables are used where function is up to 100 MHz & data transfer rate upto 100 Mbps is required

CAT 6 cables are used where function is up to 250 MHz & data transfer rate upto 1000 Mbps is required

Features: As it is outdoor & indoor cable its Sheathing is done with special grade FR, FRLS with ultraviolet protective PVC Compound which make Sheath tough & hard with good abrasion resistance, which results in long life.

Conductor: With Bright-annealed EC grade copper with **99.90 % to 99.97 % purity**, which offer low conductor resistance.

RoHS Insulation & Sheath : Its insulation material is HDPE (High Density polyethylene) because of which \pm temperature, insulation resistance, impedance, capacitance required nominal properties are maintained.

SRI NI LiNK (FR) CAT6 23 AWG (4 PAIR) 250MHz (RoHS)



SPECIFICATION	TIA/EIA 568B, ISO 11801, EN 50169, EN 50173, IEEE 802.3 – IEEE 802.5, CDDI			
SIZE	CAT 5e	24 AWG,	0.205 Sq.mm,	0.50 mm
	CAT 6	23 AWG,	0.254 Sq.mm,	0.57 mm
Packing	305 Mtrs or As per requirement			

Construction	Cat 5 (4 Pairs)	Cat 6 (4 Pairs)
Insulation & Sheath diameter	1.0 \pm 0.05 mm & 5.10 + 0.02 mm	1.0 \pm 0.05 mm & 5.40 + 0.02 mm
1 Pair	White/Blue - Blue	
2 Pair	White/Orange - Orange	
3 Pair	White/Green - Green	
4 Pair	White/Brown - Brown	

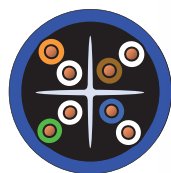
CABLE PROPERTIES

Min. Installation Bend Radius	8 x Dia
Min. Installed Bending Radius	4 x Dia
Max. Installation Tension	100 N
Max. Installed Tension	Zero
Installation Temp. Range (Installed)	0 to 50° C
Operating Temp. Range	-20 to 60° C

ELECTRICAL CHARACTERISTICS @ 20 °C

Characteristic impedance	(1-100Mhz) 100 \pm 15 Ω
Characteristic impedance	(100-250Mhz) 100 \pm 18 Ω
DC Conductor Loop Resistance	25 Ω /100m
Max. Resistance unbalance	\leq 2%
Nominal Velocity of Propagation	66%
Nominal Capacitance	50 pF/m
Max. Capacitance unbalance	1600 pF/km
Insulation Resistance (500V)	\geq 2000 M Ω .km

CAT 6



Sectional Front View of CAT6

CAT 5e



TIER 1 CUSTOMERS



LIST OF OUR END USER CUSTOMERS

AUTOMOBILE



PANEL & SWITCH BOARD



SRiNi LiNK

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