

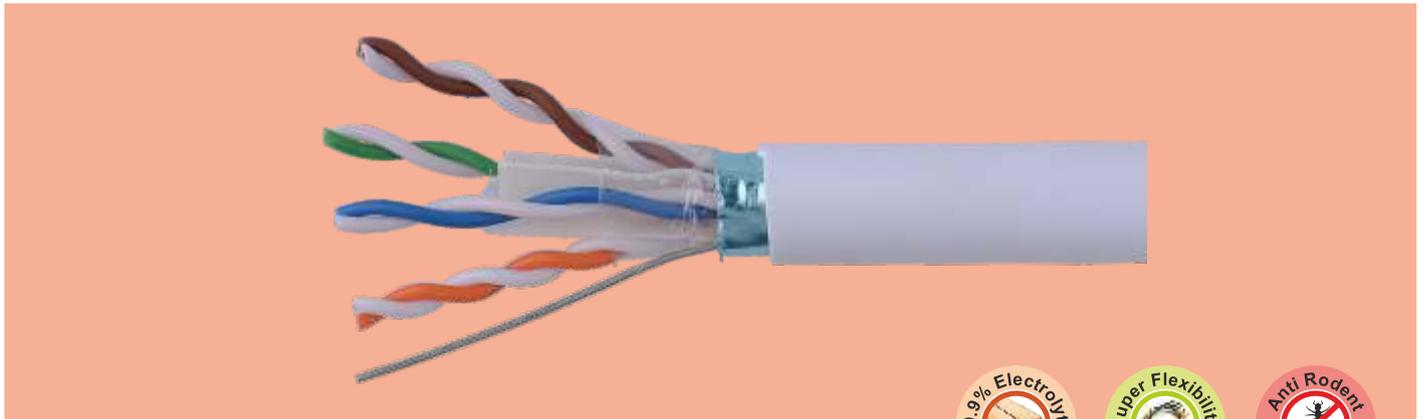


SHREE GOPAL INDUSTRIES

An ISO 9001:2008 & CE Certified Company

Manufacturers of:

Wires & Wiring Accessories



SGI LAN Cables

- Manufactured by using 99.9% Pure Electrolytic Grade Annealed Solid Bare Copper of 24 AWG.
- Sheathing with High Density Polyethylene material.
- Available in CAT 5E and CAT 6 Varieties.
- High bit rate signaling for extended distances in horizon cabling.
- Use for high speed data, digital and analog video and voice signals on LANs
- Support Gigabits ethernet (1000 base-T) Standards.

Since
1998

Shree Gopal Industries (SGI) was established in 1998 as a partnership company for manufacturing high quality Wiring Accessories under the Brand name of "SGI". SGI Wiring Accessories are ISI/CE/RoHS (Lead Free) Certified and are manufactured at our plant in Bhiwadi, Rajasthan (INDIA).

The company has pursued the strategy of product differentiation by delivering quality products on time and at competitive prices. We have been supplying our products to leading Electrical giants, telecom infrastructure providers and auto ancillaries in India and are also exporting our products to various countries.

In 2016, we have started manufacturing Single & Multi Core Industrial Flexible Cables, Submersible Flat Cables, Telephone Cables, Co-Axial Cables and CCTV/LAN Cables from our new state of the art plant at Gurgaon, Haryana. Most of the cables are ISI marked and CE Certified. By manufacturing wide range of Wires & Cables we have gone one step ahead to provide complete wiring solutions under one roof.



SGI LAN Cables

4 Pair Unshielded twisted pair cable.

Cables supports frequencies upto 250 M.Hz.

Available in 305 Mtrs Box Packaging.

CAT 6 Cable is provided with star design separator.

ITEM	CAT 6	CAT 5E
Conductor	Solid Bare Electrolytic Grade Copper	Solid Bare Electrolytic Grade Copper
Nominal Conductor Diameter	0.55mm	0.51mm
Insulation	Polyethylene	Polyethylene
Outer Jacket	FR PVC	FR PVC
Appx.	6.5 mm	5.5mm
Core Colour	Pair – 1 = White – Blue Pair – 2 = White – Orange Pair – 3 = White – Green Pair – 4 = White – Brown	Pair – 1 = White – Blue Pair – 2 = White – Orange Pair – 3 = White – Green Pair – 4 = White – Brown

Electrical Performance	At 300 MHz	At 250 MHz
Standards	ANSI/TIA-568 C.2	ANSI/TIA-568 C.2 extended to 200 MHz
Impedance	100 +/- 15 Ohm @ 1-250 MHz	100 +/- 15 Ohm @ 1-100 MHz
Velocity of Propagation	62.1% Min. @250 MHz	65% Min. @250 MHz.
Delay Slew	< 45 nS Max.	< 30 nS Max.
Propagation delay	536 ns/100 MHz Max. @ 20 F Ę 250 MHz	537 ns/100 MHz @ 200 MHz @ 20 F max.
Resistance	9.38 Ohm./100 MHz. Max. @ 20 F	9.38 Ohm. / 100 Mtrs. @ 20 F ÖMRB
Mutual Capacitance	5.6 nF/100 Mtrs. Max.	5.6 nF/100 Mtrs. max.

SGI's Range of Products:

• SGI WIRES & CABLES

- Single Core PVC insulated Industrial Cables
- Single Core & Multi Core Industrial Cables with ROHS & FR Properties
- Three Core Flat Cables
- Telephone Cables
- Co-Axial Cables/CCTV Cables

• PVC WIRING DUCTS / CHANNELS

• PVC CONDUIT PIPES & FITTINGS

• PVC CASING-CAPING / TRUNKING

• PVC CABLE MANAGEMENT SYSTEMS

• PVC SLEEVES AND PRINTING SLEEVES

• SPIRAL SLEEVES / WRAPS

• PVC CABLE MARKERS

• CABLE TIES & TIE MOUNTS



Head Office & Wiring Unit:- Plot No. 1. Mohammadpur Industrial Area, Sector-36, Near JBM Gate No. 2, Gurgaon-122004, (Haryana)- INDIA

Wiring and Accessories Unit:- G-478 & 479A, Chopanki Industrial Area, PO- Tapukara-301707. Distt. Alwar, Rajasthan (INDIA)

Sales/Mktg Offices:- 1st Floor, Shree Balaji Estate Bldg., 2255, Dr. H.C. Sen Road, Chandni Chowk, Delhi – 110 006,
D-75, Gr. Floor, Sector-10, Noida-201307 (U.P.)

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The specification and design of the products in this catalogue are subject to change without prior notice due to our continuous efforts to improve the quality of our products