

TECHNICAL SPECIFICATIONS SHEET



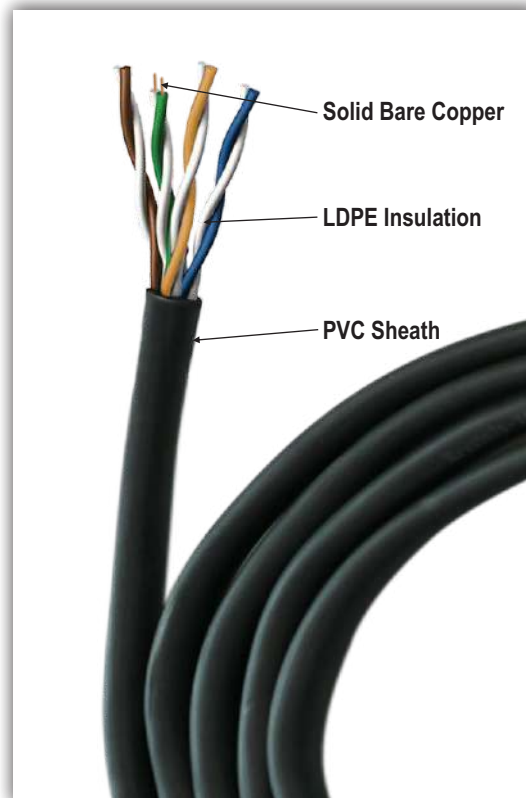
CAT 6 UTP LAN CABLE

Part No. - CAT-6-UTP

CAT cable Series – CAT 6 – 0.51 mm x 4 pair ABC solid copper conductor PE insulated, core twisted into a pair, outer jacketed with PVC

General Specifications

Size of Stand	0.51 mm
Conductor Type	ABC Copper
CSA of One Core	0.282 sqmm
Class of Conductor	Class 1
Insulation	Polyolefin
Core OD	1.10 mm
Pairing	2 Core Twisted to Pair
No. of Pairs	4 Pair Twisted
Overall Sheath	PVC
Overall OD	7.70 mm +/-0.10 mm



Electrical and Mechanical Characteristics

Conductor resistance	$\leq 9.38 \Omega / 100 \text{ m}$
Capacitance Pair to Pair	$< 5.6 \text{ nF} / 100 \text{ m}$
Capacitance Unbalanced	$300 \text{ pF} / 100 \text{ m}$
Delay Skew	$< 45 \text{ nS}$

Colour Code

1-2 White - Orange Stripe and Orange

3-6 White - Green Stripe and Green

4-5 White - Blue Stripe and Blue

7-8 White - Brown Stripe and Brown

Colours Available



Features

- ◆ Cat 6 STP is our LAN Cables Range.
- ◆ These Cables are specifically designed to deliver maximum performance for Video & Data applications.
- ◆ The twisted pairs helps Transmit true signals & help reduce transmission losses because of double shield of aluminum foil & ATC Braid Shield.

Advantages

- ◆ Use of Pure Copper for shield & enhances video quality & maintains the signal Strength.
- ◆ LDPE insulation gives a lower dielectric constant.

Application

- ◆ Connecting CCTV Cameras & other Video, Audio & Data applications

Packaging

- ◆ 100 Meters Coil
- ◆ 305 Meters Coil