

TECHNICAL SPECIFICATIONS SHEET



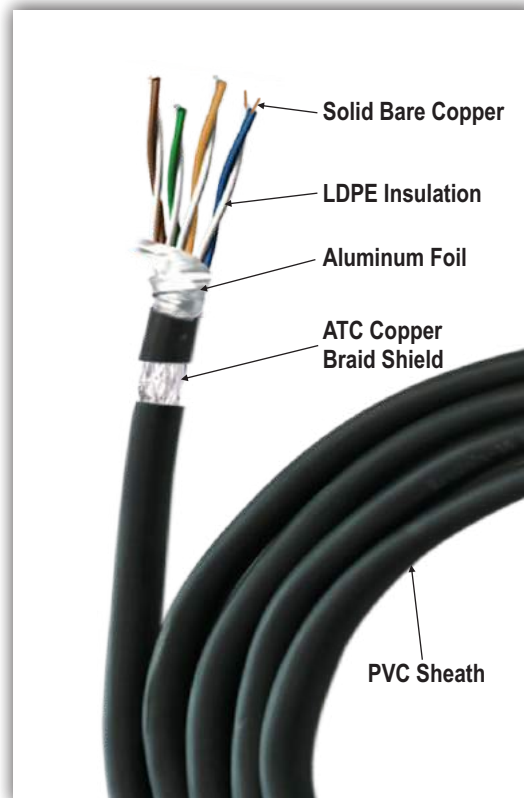
CAT 6 STP A- ALUMINIUM FOIL + BRAID SHIELDED LAN CABLE

Part No. - CAT-6-STP-A

CAT cable Series – CAT 6 – 0.58 mm x 4 pair ABC solid copper conductor PE insulated, core twisted into a pair, Aluminum foil with drain wire + braid shielded (ATC), outer jacketed with PVC

General Specifications

Size of Stand	0.58 mm
Conductor Type	ABC Copper
CSA of One Core	0.265 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
Shield 1	ATC Drain Wire
Shield 2	Triple Layer Aluminum Foil
Shield 3	6 x 16 x 42 SWG ATC Braided
Overall Sheath	PVC
Overall OD	8.80 mm +/-0.10 mm



Electrical and Mechanical Characteristics

DC resistance @20 °C - Conductor	61 Ω / Km
Capacitance Pair to Pair	< 5.6 nF /100 m
Capacitance Unbalanced	300 pF / 100 m
Delay Skew	< 45 nS

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.

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

Advantages

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

Colours Available



Application

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

Packaging

- ◆ 100 Meters Coil
- ◆ 305 Meters Coil