CAT6A SHIELDED CABLES



Enhanced performance cable for transmission of high speed data, digital and analogue voice and video (RGB) signals on LANs. It supports Gigabit Ethernet (10GbaseT) standard and operates at bandwidth of 500MHz. This cable well exceeds the requirements of ANSI/TIA-568-C.2. The shield acts as a Faraday cage to reduce electrical noise from affecting the signals, and to reduce electromagnetic radiation that may interfere with other devices.

SPECIFICATION

Conductor: 23 AWG Solid bare Copper (4 pair)

Insulation: Foam Skin PE

Pairs: 2 Insulated conductors twisted

together

Sheath: LSZH

Individual Pair Shield Aluminium/Polyester Foil
Shield: Tinned Copper drain wire

Cable Diameter: 7.5 ± 0.3 mm

ORDERING INFORMATION

PART CODE DESCRIPTION

NCB-6ASGRYR-500-LS Cat6A 10G U/FTP 23AWG LSZH Solid

Cable-500M/Roll - Grey Colour

COLOUR CODE

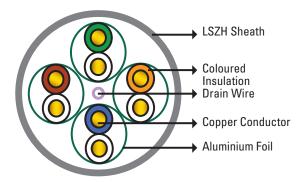
PAIR NO.	COLOUR
1-2	White/Orange Stripe and Orange
3-6	White/Green Stripe and Green
4-5	White/Blue Stripe and Blue
7-8	White/Brown Stripe and Brown

KEY FEATURES

- Comply with Cat6A specifications
- 4-pair shielded twisted pair cable
- 23 AWG solid copper conductor
- Pairs are wrapped with aluminium/polyester tape and drain wire
- High Density Polyethylene Insulation
- LSZH Jacket
- Verified compliant with EIA/TIA standards
- Packaged in MDF spool in a box for easier installation

ELECTRICAL PROPERTIES

Conductor Resistance: $\leq 9.38\Omega/100$ m Mutual Capacitance: < 5.6nF/100m Resistance Unbalance: 5% Max Capacitance Unbalance: 330pF/100m Delay Skew: < 45ns



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