

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 ± 0.3mm

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:	≤ 9.38Ω/100m
Mutual Capacitance:	< 5.6nF/100m
Resistance Unbalance:	5% Max
Capacitance Unbalance:	330pF/100m
Delay Skew:	< 45ns

