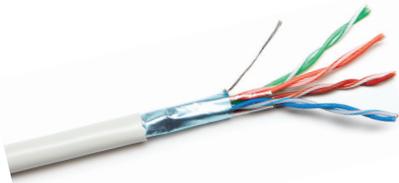


# CAT6 FTP 24 AWG CABLES



Enhanced performance cable for transmission of high speed data, digital and analogue voice and video (RGB) signals on LANs. Supports Gigabit Ethernet (1000 baseT) standard. Operates at bandwidth of 250MHz. 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. This cable well exceeds the requirements of TIA/EIA-568-C.2 and ISO/IEC 11801.

## SPECIFICATIONS

Conductor:	24 AWG Solid bare Copper (4 pair) High
Insulation:	Density Polyethylene
Pairs:	2 Insulated conductors twisted together
Sheath:	FR PVC/LSZH
Shield:	Aluminium /Polyester Foil
Cable Diameter:	6.5 + 0.3 mm

## ORDERING INFORMATION

PART CODE	DESCRIPTION
NCB-C6SGRYR-305-24	Cat6 FTP 24 AWG PVC Solid Cable -305m/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 Cat 6 specifications
- 4-pair shielded twisted pair (FTP) cable
- 24 AWG solid copper conductor for superior conductivity
- PE insulation
- PE central cross
- FR PVC Jacket
- Packaged in MDF spool in a box

## ELECTRICAL PROPERTIES

Characteristic Impedance:	100± 15Ω
Conductor Resistance:	≤ 9.38Ω/100m
Mutual Capacitance:	<5.6nF/100m
Resistance Unbalance:	5% Max
Capacitance Unbalance:	330pF/100m
Delay Skew:	< 45ns
NVP:	69%

