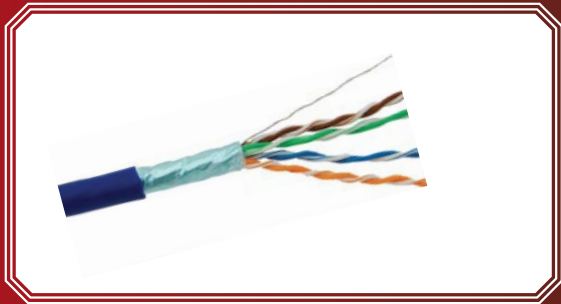


CAT5e FTP CABLES



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 100MHz.

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)
Insulation:	High Density Polyethylene
Pairs:	2 Insulated conductors twisted together
Sheath:	FR PVC
Shield:	Aluminum /Polyester Foil
Cable Diameter:	6.0 mm nominal

ORDERING INFORMATION

PART CODE	DESCRIPTION
NCB-5ESGRYR-305-24	Cat5e FTP 24 AWG PVC Solid Cable-305m/Roll, Grey Colour
NCB-5ESBLUR-305	Cat5e FTP 24 AWG PVC Solid Cable-305m/Roll, Blue 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 Cat5e specifications
- 4-pair shielded twisted pair (FTP) cable
- 24 AWG solid copper conductor for superior conductivity
- PE insulation
- FR PVC Jacket
- Pairs are wrapped in aluminum foil with drain wire
- 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%

