

CAT6 UTP 23 AWG CABLE



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. This cable well exceeds the requirements of TIA/EIA-568-C.2 and ISO/IEC 11801

KEY FEATURES

- Comply with Cat 6 specifications
- 4-pair unshielded twisted pair (UTP) cable
- 23 AWG solid copper conductor for superior conductivity
- PE insulation
- PE central cross
- FR PVC /LSZH Jacket
- Verified compliant with EIA/TIA standards by ETL & UL-listed
- Packaged in an easy-to-pull reel in a box for easier installation

SPECIFICATIONS

Conductor:	23 AWG Solid bare Copper (4 pair)
Insulation:	High Density Polyethylene
Pairs:	2 Insulated conductors twisted together
Sheath:	FR PVC/LSZH
Cable Diameter:	6.0 mm nominal

ORDERING INFORMATION

PART CODE	DESCRIPTION
NCB-C6UGRYR-305	Cat6 UTP 23 AWG PVC Solid Cable-305m/Roll - Grey Colour
NCB-C6UGRNR-305	Cat6 UTP 23 AWG PVC Solid Cable-305m/Roll - Green Colour
NCB-C6UORGR-305	Cat6 UTP 23 AWG PVC Solid Cable-305m/Roll - Orange Colour
NCB-C6UVLTR-305	Cat6 UTP 23 AWG PVC Solid Cable-305m/Roll - Violet Colour
NCB-C6UGRYR-305-LS	Cat6 UTP 23 AWG LSZH 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

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%

