

CAT6 SFTP 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. Tinned Copper Screening gives Protection against EMI and avoid signal loss. Better Mechanical Properties of Cable. This cable well exceeds the requirements of TIA/EIA-568-C.2 and ISO/IEC 11801

SPECIFICATIONS

| | |
|-----------------|------------------------------------------------------|
| Category: | Cat6 SF/UTP Solid cable |
| Conductor: | 23 AWG Solid bare Copper (4 pair) |
| Conductor: | Bare Copper |
| Insulation: | HD-PE |
| Shield: | Aluminium / Polyester Foil Tinned Copper Braiding |
| Cable Diameter: | 7.5 ± 0.3mm |

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 Cat6 specifications
- 4-pair screened foiled/Unshielded twisted pair Cable
- 23 AWG solid copper conductor
- Pairs are wrapped in polyester tape and aluminium foil with drain wire
- High Density Polyethylene Insulation
- FR PVC Jacket
- Tinned Copper braiding for mechanical strength
- Packaged in MDF spools in a box

ELECTRICAL PROPERTIES

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

ORDERING INFORMATION

| PART CODE | DESCRIPTION |
|-----------------|-----------------------------------------|
| NCB-C6SFGRR-305 | CAT6 SFTP 23AWG Solid: 305M, Grey Color |

