

Category 6 Data Cables

4PR 24AWG, UTP with PVC or LSZH/HFFR Sheath

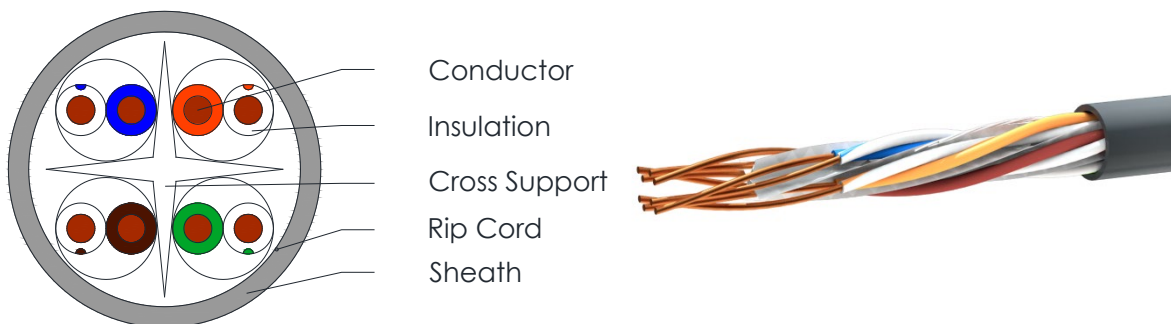


C4601, C5536

Applications

Twisted pair cable suitable for Local Area Networks, Data Centre and Video Applications.

Cross Section Drawing



Design

Unit	Properties
Conductor	Solid bare copper
Insulation	Solid Polyethylene Pair 1: WHITE/Blue + BLUE Pair 2: WHITE/Orange + ORANGE Pair 3: WHITE/Green + GREEN Pair 4: WHITE/Brown + BROWN
Pair	Two wires twisted together
Filler	Cross support
Rip Cord	Nylon Yarn
Sheath Material	Polyvinyl Chloride (PVC) Standard Color: Grey Or Halogen Free, Flame Retardant (HFFR/LSZH) Standard Color: Purple
Standard Put Up Length	305 metres

*Other Colors, Put Up Lengths and structures can be manufactured upon request, please contact your local B3 International sales representative.

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C4601, C5536

Physical Characteristics

Part Number	C4601	C5536
Sheath Material	PVC	LSZH/HFFR
No. of Pairs	4	4
Conductor Gauge (AWG)	24	24
Conductor diameter (mm)	0.51	0.51
Nom. Insulation diameter (mm)	0.92	0.92
Nom. Radial Thickness Sheath (mm)	0.40	0.40
Nom. Overall Diameter (mm)	5.30	5.30
Operating Temperature (°C)	-20 to +70	-20 to +70

Electrical Characteristics at 20°C

Max. DC resistance conductor ($\Omega/100m$)	Channel Test	Velocity of Propagation (%)	Maximum Delay Skew (ns/100m)	Max. Operating Voltage (Volts RMS)
9.38	Pass	65	45	300

Reference Standards

EN 50290-2	IEC 60332-1
ISO 11801	RoHS directives
ANSI/TIA/EIA-568-C2	