



Ref No: BCS110GX24

DESCRIPTION :

Category 6A Cable, 4 Pair, U/UTP, LSZH, Indoor Cable

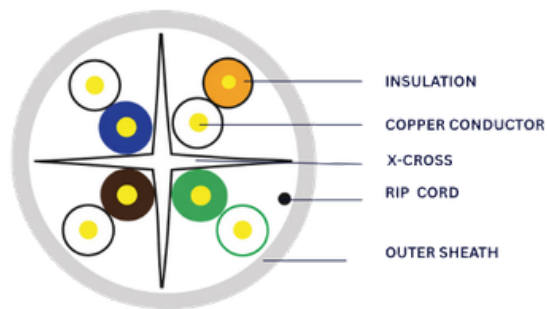
Premise Horizontal Cable (500MHz), 4-Pair, 23 AWG solid bare copper conductors, U/UTP, Polyethylene insulation,

APPLICATION :

Suitable for Local Area Networks (LAN) and analog & digital video applications

CONSTRUCTION :

Cores	4 Pair
Section	23AWG
Conductor Material	Bare Copper
Insulation	High-Density Polyethylene (HDPE)
Colour Code	Pair 1: WHITE/Blue + BLUE Pair 2: WHITE/Orange + ORANGE Pair 3: WHITE/Green + GREEN Pair 4: WHITE/Brown + BROWN
Rip Cord	Nylon Yarn
Sheath Material	LSZH/HFFR
Sheath Color	White
Standard Put Up Length	305, 500 meters



STANDARD REFERENCES

EN 50290-2, IEC 60332-1

ANSI/TIA/EIA-568-C2

ISO 11801

RoHS Directives

TRANSMISSION PERFORMANCE :

Frequency (MHz)	Min.Return Loss(dB/100m)	Max. Attenuation (dB)	Min. Attenuation (dB)	Max. Time Delay (ns/100m)	Max. PSNEXT (dB)	Min. ELFEXT (dB)	MIN.PSELFEXT (dB)
1	20.0	3.7	74.3	72.3	55.9	100±15	61.0
10	25.0	5.8	59.3	57.3	45.0	100±15	48.0
31.25	23.6	10.4	51.9	49.9	35.1	100±15	38.1
100	20.1	19.0	44.3	42.3	25.0	100±15	28.0
300	17.3	34.2	37.1	35.1	15.5	100±25	18.5
500	17.3	45.2	33.8	31.8	11.0	100±25	14.0

PHYSICAL & MECHANICAL CHARACTERISTICS

Operating Temperature (°C)	-20°C to +60°C
Screen type	UTP
Nominal Sheath Thickness (mm)	0.4
Nominal Overall Diameter (mm)	6.9
Max. Pull Tension (N)	159
Min. Bend Radius (install) (mm)	69

ELECTRICAL CHARACTERISTICS

Conductor Resistance (Ohm/100m)	≤ 9.37 Ohm/100m
Mutual Capacitance (pF/m)	≤ 5.7 pF/m
Impedance (Ohm)	100 ± 15
Velocity of Propagation (%)	68
Maximum Delay Skew (N)s/100m)	46
Max. Operating Voltage (Volts RMS)	300 V (Vrms)

BELFAST ACCREDITED BY :



www.belfastcables.co.uk | info@belfastcables.co.uk

Belfast Cables UK Solutions Ltd | 71-75, Shelton Street Covent Garden, London WC2H 9JQ, United Kingdom

Disclaimer: Information is believed to be accurate but may contain errors. Specifications may change without notice.



COMPANY PROFILE