

DESCRIPTION :

Category 6 Cable, 4 Pair, FTP, PVC - GREY

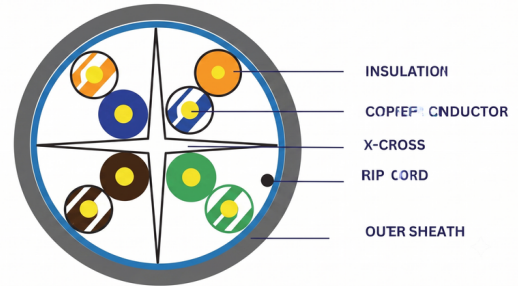
Premise Horizontal Cable (250MHz), 4-Pair, 23 AWG solid bare copper conductors, U/UTP, Polyethylene insulation,

APPLICATION :

Twisted pair indoor PVC cable suitable for Local Area Networks and 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	PVC
Sheath Color	GREY
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)	Return Loss(>dB)	ATT (Max.dB)	NEXT (Min.dB)	PS NEXT(Min.dB)	ELFEXT(Min.dB)	PSELFEXT(Min.dB)
1	19.0	2.04	65	62	64.3	61.4
4	21.3	3.80	64	61.7	52.2	49.2
8	21.3	5.30	59.2	58	46.2	43.2
10	21.3	5.90	57.5	56	44	41.4
16	20.0	7.50	54.5	52.3	40.2	37.2
20	19.5	8.50	53.3	50.8	38.4	35.3
25	19.0	9.50	51.4	49.2	36.3	33.3
31.25	18.2	10.65	50	47.4	34.3	31.4
62.5	16.2	15.40	45	42.8	28.4	25.4
100	14.2	19.7	41.5	39.2	24.3	21.3
200	11.2	29	36.8	34.2	18.3	15.4
250	10.0	32	35.2	32.8	16.3	13.4

PHYSICAL & MECHANICAL CHARACTERISTICS

Operating Temperature (°C)	-15°C to +70°C
Screen type	FTP
Nominal Cable Weight (kg/km)	55
Shielded Coverage (%)	100
Nominal Sheath Thickness (mm)	0.5
Nominal Overall Diameter (mm)	7.0
Min. Bend Radius (install) (mm)	70
Max. Pull Tension (N)	199

ELECTRICAL CHARACTERISTICS

Conductor Resistance (Ohm/100m)	≤ 9.37 Ohm/100m
Mutual Capacitance (pF/m)	≤ 49 pF/m
Impedance (Ohm)	100 ± 15
Velocity of Propagation (%)	68
Maximum Delay Skew (Ns/100m)	46
Max. Operating Voltage (Volts RMS)	300 V (Vrms)

BELFAST ACCREDITED BY :



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



COMPANY PROFILE