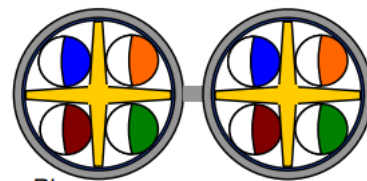


Product Code 7422110

Product Description

Type Category 6 U/UTP 8 Pair cable
Standards ISO/IEC11801 & TIA-568.2-D & UL Subject 444
Applications Generic cabling systems. Including 10Base -T, 100Base -T, 1000Base -T, ATM & Token Ring
 This range of unscreened cables is designed to support Cat 6 Link and Channel performance. With internationally defined Physical and Electrical performance up to 250MHz



Construction

Conductor	23AWG Solid Soft Plain Copper
Insulation	Solid polyethylene with colour marking on white cores to ease identification
Colour Code	White/Blue-Blue, White/Orange-Orange, White/Green-Green, White/Brown-Brown
Shield	None
Outer Jacket	LSZH
Outer Diameter	Nominal Diameter (6.0 × 12.5) +/- 0.5 mm
Additional Components	Cable is supplied without ripcord unless specified by the customer
Printing	Sheath printed Black with Legend as per customer requirement

Mechanical Characteristics

Maximum Pulling Force	100N
Minimum Bending Radius	8*OD
Nominal Weight	80 KG/KM
Operating Temperature	-15Deg C ~ +60 Deg C
Installation Temperature	+0 Deg C ~ +00 Deg C
Fire Performance	LSZH, CPR Eca
Product lengths	500m

Electrical Performance

Transmission Frequency (MHz)	1	4	10	16	20	31.25	62.5	100	200	250
NEXTA dB/100m	74.3	65.3	59.3	56.2	54.8	51.9	47.4	44.3	39.8	38.3
Characteristic Impedance (Ω)	100 +/- 15									
Attenuation dB /100m	2.0	3.8	6.0	7.6	8.5	10.7	15.4	19.8	29.0	32.8
Return Loss dB /100m	20.0	23.0	25.0	25.0	25.0	23.6	21.5	20.1	18.0	17.3
PSNEXTA dB /100m	72.3	63.3	57.3	54.2	52.8	49.9	45.4	42.3	37.8	36.3
ELFEXT dB /100m	67.8	55.8	47.8	43.7	41.8	37.9	31.9	27.8	21.8	19.8
PSELFEXT dB /100m	64.8	52.8	44.8	40.7	38.8	34.9	28.9	24.8	18.8	16.8
Delay ns/100m	570	552	545	543	542	540	539	538	537	536
Skew ns/100m	≤45									