Product Description XS600x

Type	Category 6 UTP 4 Pair cable
Standards	ISO/IEC11801 & TIA- 568-C.2
Applications	Generic cabling systems. Including10Base - 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	24AWG Soft Plain Copper
Insulation	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	Nominal Diameter 6.2± 0.5 mm; PVC
Additional Components	Cable is supplied without ripcord unless specified by the customer Central separator for improved performance.
Printing	Sheath printed Black with Legend as per customer requirement

Mechanical Characteristics

Maximum Pulling Force	100N
Minimum Bending Radius	8*OD
Nominal Weight	40KG/KM
Operating Temperature	-15Deg C ~ +60 Deg C
Installation Temperature	+0Deg C ~ +50 Deg C

Environmental properties and Fire Performances

Fire Performance	IEC60332-1-2& CPR Class B2ca
RoHS	2011/65/EU

Supplied Cable Length

Cable length	305m standard, Upon Customer Request

Electrical Performance

Transmission Frequency (MHz)	1	4	10	16	20	31.25	62.5	100	200	250
NEXT （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								100+/- 22	
Attenuation （db/100M）	2.1	3.8	6.0	7.6	8.5	10.7	15.4	19.8	29.0	32.8
Return Loss（db/100M）	20	23	25	25	25	23.6	21.5	20.1	18.0	17.3
PS-NEXT （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）	68.0	56.0	48.0	43.9	42.0	38.1	32.1	28.0	22.0	20.0
PS-ELFEXT（db/100M）	65.0	53.0	45.0	40.9	39.0	35.1	29.1	25.0	19.0	17.0
Delay（ns/100M）	570.0	552.0	545.4	543.0	542.0	540.4	538.6	537.6	536.5	536.3
Skew（ns/100M）	45									

XS6001	305m
XS6002	500m