



Product Code XS6001_XS6002 -B2ca-s1a,d1,a1

Product Description

Type	Category 6 U/UTP 4 Pair cable
Standards	ISO11801 & ANSI/TIA 568.2-D,UL Subject 444, EN 50399-2022
Applications	Generic cabling systems. Including 10Base -T, 100Base -T 1000Base -T ATM & Token Ring

This range of screened cables is designed to support Cat 6 Link and Channel performance.



Construction

Conductor material	24AWG annealed bare copper
Insulation material	polyethylene
Colour code	white/ blue -blue, white/ orange -orange, white/ green -green, white/ brown -brown
Outer jacket	LSZH
Overall diameter	nominal diameter 6.0mm $\pm$ 0.3mm
Additional components	Central separator for improved performance
Printing	jacket printed black with legend

Mechanical Characteristics

Maximum pulling force (N)	100
Minimum bending radius	8 $\times$ OD
Temperature range	-20Deg C ~ +60 Deg C
Installation Temperature	+0 Deg C ~ +50 Deg C
Nominal Weight	35 kg/km
Fire Performance	IEC 60332-1-2 EN 50399 B2ca-s1a,d1,a1

Electrical Performance

Frequency (MHz)	Insertion loss	NEXT	ACRF	PS .NEXT	PS.ACRF	Return loss	Propagation delay
1	2.0	75.3	67.8	72.3	64.8	20.0	570
4	3.8	66.3	55.8	63.3	52.8	23.0	552
8	5.3	61.8	49.7	58.8	46.7	24.5	547
10	6.0	60.3	47.8	57.3	44.8	25.0	545
16	7.6	57.2	43.7	54.2	40.7	25.0	543
20	8.5	55.8	41.8	52.8	38.8	25.0	542
25	9.5	54.3	39.8	51.3	36.8	24.3	541
31.25	10.7	52.9	37.9	49.9	34.9	23.6	540
62.5	15.4	48.4	31.9	45.4	28.9	21.5	539
100	19.8	45.3	27.8	42.3	24.8	20.1	538
150	24.7	42.7	24.3	39.7	21.3	18.9	537
200	29.0	40.8	21.8	37.8	18.8	18.0	537
250	32.8	39.3	19.8	36.3	16.8	17.3	536

Item	Length
XS6001	305m
XS6002	500m