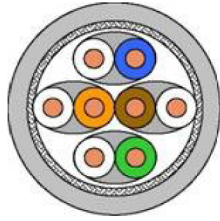


Product Code 80J62-008

Product Description

Type Category 8 S/FTP 4 Pair cable
Standards TIA-568-C.2 & ISO/IEC11801 & IEC 61156-9
Applications Generic cabling systems. Including 10/100/1000 Base -T, 40G, ATM & Token Ring
 This range of screened cables is designed to support Cat 8 Link and Channel performance.
 With internationally defined Physical and Electrical performance up to 2000 MHz



Construction

Conductor	22 AWG annealed bare copper
Insulation	Foam Polyethylene
Colour Code	White/Blue-Blue, White/Orange-Orange, White/Green-Green, White/Brown-Brown
Screen	Individually Aluminium poly laminate Screened pairs and overall tinned copper wire Braided cable, 40% braiding ratio
Outer Jacket	LSZH
Outer Diameter	Nominal Diameter: 8.0± 0.5 mm
Additional Components	Cable is supplied without ripcord unless specified by the customer
Printing	Jacket printed Black with Legend as per customer requirement

Mechanical Characteristics

Maximum Pulling Force	100N
Minimum Bending Radius	8*OD
Nominal Weight	75 KG/KM
Operating Temperature	-15Deg C ~ +60 Deg C
Installation Temperature	+0 Deg C ~ +50 Deg C

Electrical Performance

Frequency (MHz)	Insertion loss	NEXT	NEXT PS	ACR-F	ACR-F PS	Return Loss	Propagation Delay	Skew
1		105.4	102.4	100.6	97.6	20.0	171	13.5
4	2.0	96.4	93.4	88.6	85.6	23.0	166	13.5
8	2.0	91.9	88.9	82.5	79.5	24.5	164	13.5
10	2.0	90.4	87.4	80.6	77.6	25.0	163	13.5
16	2.2	87.3	84.3	76.5	73.5	25.0	163	13.5
20	2.5	85.9	82.9	74.6	71.6	25.0	162	13.5
25	2.8	84.4	81.4	72.6	69.6	25.0	162	13.5
31.25	3.1	83.0	80.0	70.7	67.7	25.0	162	13.5
62.5	4.4	78.5	75.5	64.7	61.7	23.6	161	13.5
100	5.6	75.4	72.4	60.6	57.6	22.2	161	13.5
200	7.9	70.9	67.9	54.6	51.6	20.1	161	13.5
250	8.9	69.4	66.4	52.6	49.6	19.4	161	13.5
300	9.8	68.2	65.2	51.1	48.1	18.9	161	13.5
400	11.4	66.4	63.4	48.6	45.6	18.0	161	13.5
500	12.8	64.9	61.9	46.6	43.6	17.3	160	13.5

600	14.1	63.7	60.7	45.0	42.0	16.8	160	13.5
1000	18.6	60.4	57.4	40.6	37.6	15.2	160	13.5
1500	23.2	57.8	54.8	37.1	34.1	14.0	160	13.5
2000	27.2	55.9	52.9	34.6	31.6	13.1	160	13.5

Environmental properties and Fire Performances

Fire Performance	IEC60332-1-2 EU CPR B2ca ,Cca, Dca
Smoke density	IEC 61034-2
Halogen acid gas emission	IEC 60754-1&2
RoHS	2011/65/EU

Supplied Cable Length

Cable length	305m standard, Upon Customer Request
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