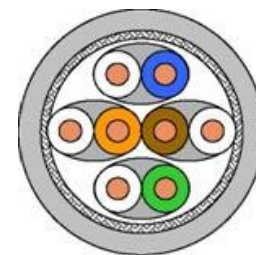


Product Code 66J56-008L (Dca)

Product Description

Type Category 6A S/FTP 4 Pair cable
Standards ISO/IEC11801 & TIA-568.2-D& UL Subject 444
Applications Generic cabling systems.Including 10/100/1000Base -T, 10G, ATM & Token Ring
 This range of screened cables is designed to support Cat 6A Link and Channel performance.
 With internationally defined Physical and Electrical performance up to 500 MHz



Construction

Conductor	23AWG 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 with 25% braiding.
Outer Jacket	LSZH
Outer Diameter	Nominal Diameter: 7.5± 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	55KG/KM
Operating Temperature	-15Deg C ~ +60 Deg C
Installation Temperature	+0 Deg C ~ +50 Deg C
Fire Performance	LSZH, CPR Dca-s1,d1,a1

Supplied Cable Length

Cable length	500m
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Electrical Performance

Transmission Frequency(MHZ)	1	4	10	16	20	31.25	62.5	100	200	250	400	500
Attenuation dB/100m	2.1	3.8	5.9	7.5	8.4	10.5	15.0	19.1	27.6	31.1	40.1	45.3
Return Loss dB	20	23	25	25	25	23.6	21.5	20.1	18.0	17.3	15.9	15.2
NEXT dB	74.3	65.3	59.3	56.2	54.8	51.9	47.4	44.3	39.8	38.3	35.3	33.8
PSNEXT dB	72.3	63.3	57.3	54.2	52.8	49.9	45.4	42.3	37.8	36.3	33.3	31.8
ACR-F dB	67.8	55.8	47.8	43.7	41.8	37.9	31.9	27.8	21.8	19.8	15.8	13.8
PS ACR-F dB	64.8	52.8	44.8	40.7	38.8	34.9	28.9	24.8	18.8	16.8	12.8	10.8
Delay ns/100m	570	552	545	543	542	540	539	538	537	536	536	536
Skew ns/100m	≤45											
Characteristic Impedance(ohm)	100±15						100±22			100±25		

Segregation Class: D

PoE compliance: Meets IEEE 802.3af and IEEE 802.3at for Poe applications. Supports IEEE 802.3bt Type 4 (90W) applications after 3000 plug to jack mating cycles. PoE 90W/2A etter IEC 60512-99-002