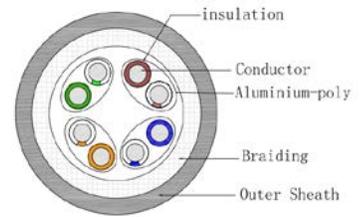


Product code 66J56-008

Description

Type Category 6A S/FTP 4 pair cable
Standards ISO/IEC11801 & TIA-568.2-D & IEC61156-5
Applications Generic cabling systems, Including 10/100/1000 Base -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
Color 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 (coverage ratio $\geq 25\%$)
Outer jacket	LSOH ,thickness:0.50 \pm 0.05mm
Outer diameter	7.1 \pm 0.5 mm
Additional components	ripcord (optional)
Printing	black ink printing per customer requirement

Mechanical characteristics

Maximum pulling force	100N
Minimum bending radius	8xOD
Nominal weight	47 kg/km
Operation temperature	-50 ~ 75 °C
Installation temperature	-20 ~ 50 °C
Flame retardancy	CPR: Dca-s1,d1,a1

Supplied cable length

Cable length	500m, or upon customer request
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Electrical characteristics

Frequency (MHz)	1	4	10	16	20	31.25	62.5	100	200	250	400	500
Insertion loss (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
PS NEXT (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/100m)	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/100m)	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											