MAXETA

Product code 66J56-008（Class 1）

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
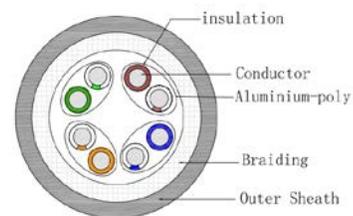
Construction

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 ≥25%)
Outer jacket	LSOH ,thickness:0.50±0.05mm
Outer diameter	7.1± 0.5 mm
Additional components	ripcord (optional)
Printing	black ink printing per customer requirement

Mechanical characteristics

Maximum pulling force	100N
Minimum bending radius	8×OD
Nominal weight	47 kg/km
Operating temperature	-30~75 ℃
Installation temperature	0 ~ 50℃
Flame retardancy	CPR:Eca

Supplied cable length

Cable length	500m, or upon customer request

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											