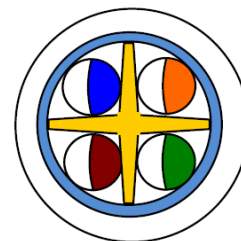


Product Code 66K57-008L (Dca)

Product Description

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



Construction

Conductor	23AWG Annealed Bare Copper
Insulation	Polyethylene with colour marking on white cores to ease identification
Colour Code	White-Blue/Blue, White-Orange/Orange, White-Green/Green, White-Brown/Brown
Shield	Aluminium poly laminate
Outer Jacket	LSZH, Nominal Diameter 7.5+/- 0.5 mm
Additional components	Cable is supplied without ripcord unless specified by the customer Central separator for improved performance.
Printing	Sheath printed Black with Legend

Mechanical Characteristics

Maximum Pulling Force	100N
Minimum Bending Radius	8*OD
Nominal Weight	55KG/KM
Operating Temperature	-20Deg C ~ +60Deg C
Installation Temperature	-20Deg C ~ +50 Deg C
Fire Performance	LSZH, CPR Dca-s2,d1,a1
Product lengths	500m

Electrical Performance

Transmission Frequency (MHz)	1	4	10	16	20	31.25	62.5	100	200	250	500
NEXTA dB/100m	74.3	65.3	59.3	56.2	54.8	51.9	47.4	44.3	39.8	38.3	33.8
Characteristic Impedance (ohm)	100+/- 15								+/- 22		+/- 25
Attenuation dB/100m	2.1	3.8	5.9	7.5	8.4	10.5	15.0	19.1	27.6	31.1	45.3
Return Loss dB/100m	20	23	25	25	25	23.6	21.5	20.1	18	17.3	15.2
PSNEXTA dB/100m	72.3	63.3	57.3	54.2	52.8	49.9	45.4	42.3	37.8	36.3	31.8
ELFEXT dB/100m	67.8	55.8	47.8	43.7	41.8	37.9	31.9	27.8	21.8	19.8	13.8
PSELFEXT dB/100m	64.8	52.8	44.8	40.7	38.8	34.9	28.9	24.8	18.8	16.8	10.8
Delay ns/100m	570	552	545	543	542	540	539	538	537	536	536
Skew ns/100m	45										

Segregation Class: B

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