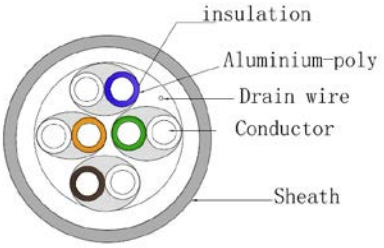
Product Code 66H55-008(Dca)

Product Description



Type Category 6A U/FTP 4 Pair cable

Standards ISO/IEC11801 & TIA-568.2-D& UL Subject 444

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 Solid Soft Plain Copper
Insulation	Foam Polyethylene
Colour Code	White –Blue/ Blue, White –Orange/ Orange, White –Green/ Green, White –Brown/ Brown
Shield	Individually Aluminium poly laminate shielded pairs shielded and Tinned copper Drain wire
Sheath	Material: LSZH Nominal Diameter: 7.5± 0.5 mm Colour : as per customer requirement
Additional Components	Cable is supplied without ripcord unless specified by the customer
Printing	Sheath printed as per customer requirement

Mechanical Characteristics

Maximum Pulling Force	100N
Minimum Bending Radius	8*OD
Nominal Weight	50 KG/KM
Operating Temperature	-15Deg C ~ +60 Deg C
Installation Temperature	0 Deg C ~ +50 Deg C
Fire Performance	LSZH, CPR Dca-s2,d2,a1
Product lengths	500m

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: C

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