

Cat.5e UTP Horizontal Cable

Part Number:

- 1) D1-5EUC-CC D'One Infra 100MHZ Cat.5e 4 Pair UTP
0.50mm CMR Cable 305m/60x reel-in-box.
- 2) D1-5EUCA1-CC D'One Infra 100MHZ Cat.5e 4 Pair UTP
CCA 0.50mm-CMR Cable 305m/box reel-in-box.
- 3) D1-5EUCA2-CC D'one Infra 100MHZ Cat.5e 4 Pair UTP
CCA 0.55mm CMR Cable 305m/box reel-in-box.



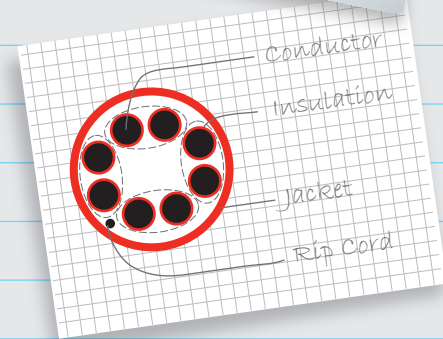
CC : Color Code

BK ~ Black, GR ~ Grey, BL ~ Blue, GN ~ Green,
RD ~ Red, WH ~ White, YW ~ Yellow, OR ~ Orange

- > LSZH (Suffix with Part Number means LSZH Jacket)
- > OD (Suffix with Part Number means OUTDOOR)

Product Description

- : Rated temperature: 75° C
- : 4 Pairs 24AWG solid bare copper conductor
- : High density PE insulation
- : Flame retardant PVC jacket
- : Double Jacket (PE + PVC) for outdoor use
- : Rip cord under jacket
- : Minimum bending radius: O.D. X 6
- : Maximum pull strength: 86.6N
- : Low smoke zero halogen (LSZH) optional



Electric Property

- Impedance: 100± 15Ω
- Normal velocity propagation delay: 70%
- Propagation Delay Skew: 45ns/100m

Qualifications & Approvals

ANSI/TIA/EIA-568-B.2 Cat.5e
UL CMR
CSA CMG FT4

Application

- 4 Mbps Token Ring
- 16 Mbps Token Ring
- 155 Mbps ATM
- 622 Mbps ATM
- 100Base-TX (Fast Ethernet)
- 1000Base-T (Gigabit Ethernet)
- ISDN
- Analog voice and digital voice (VOIP)
- Analog (broadband, baseband) and digital video.

Transmission Properties (20°C ± 3°C)

Frequency (MHz)	Insertion Loss dB/100m (max.)	Next dB/100m (min.)	PS-Next dB/100m (min.)	Elfext dB/100m (min.)	PS-Elfext dB/100m (min.)	Return Loss dB/100m (min.)
1	2.0	65.3	62.3	63.3	60.8	20.0
4	4.1	56.3	53.3	51.8	48.8	23.0
8	5.8	51.8	48.8	45.7	42.7	24.5
10	6.5	50.3	47.3	43.8	40.8	25.0
16	8.2	47.2	44.2	39.7	36.7	25.0
20	9.3	45.8	42.8	37.8	34.8	25.0
25	10.4	44.3	41.3	35.8	32.8	24.3
31.25	11.7	42.9	39.9	33.9	30.9	23.6
62.5	17.0	38.4	35.4	27.9	24.9	21.5
100	22.0	35.3	32.3	23.8	20.8	20.1