Cat5e F/UTP Cable
C5EFSG_LSZH

Features

- Conductor: 24 AWG, solid copper wires
- Outer Jacket : LSZH
- Standard:
  ISO/IEC 11801, ANSI/TIA- 568-C2, UL444,
  Armour version available
- Application:
  Data communications, Local area networks, Building signaling systems
- ISO9001Certified Manufacturing Plant
- Length: 305M

RoHS Armour Available

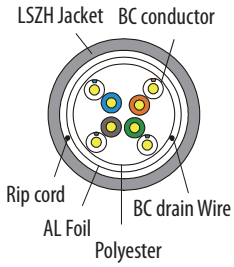
Specifications

General

General	Operating Temperature Range	-20°C ~ 75°C
	Maximum pulling Tension	70N
	Minimum bending Radius	4D mm
	Nominal Mutual Capacitance@ 1KHz	5.1 nF / 100m
	Maximum Capacitance Unbalance	330 pF / 100m
	Maximum Delay @1Hz	570 ns / 100m
	Maximum Delay Skew	45 ns / 100m
	Maximum Conductor DC Resistance @20°C	9.38 Ω / 100m
	Maximum DCR Unbalance @20°C	5%
	Maximum Operating Voltage (VRMS)	≤ 80V
	Characteristics Impedance	100 Ω

Construction (UTP)

4 Twisted Pair Cable



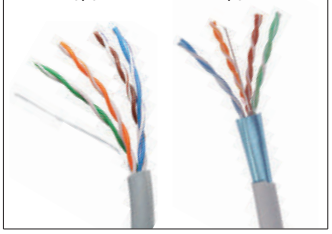
Specification

	Frequency MHz	Attenuation (dB/100m)	NEXT (dB)	Return Loss (dB)	ACR (dB)	Power Sum NEXT (dB)	Power Sum ELFEXT (dB/100m)	Power Sum ACR (dB)
Electric Performance	1	2.0	65.3	20.0	63.3	63.3	63.8	61.3
	4	4.1	56.3	23.0	52.2	54.3	51.8	50.2
	8	5.8	51.8	24.5	46.0	49.8	45.7	44.0
	10	6.5	50.3	25.0	43.8	48.3	43.8	41.8
	16	8.3	47.2	25.0	39.0	45.2	39.7	37.0
	20	9.3	45.8	25.0	36.5	43.8	37.8	34.5
	25	10.4	44.3	24.3	33.9	42.3	35.8	31.9
	31.3	11.7	42.9	23.6	31.2	40.9	33.9	29.2
	62.5	17.0	38.4	21.5	21.4	36.4	27.9	19.4
	100	22.0	35.3	20.1	13.3	33.3	23.8	11.3

Pair Identification

Pair 1	Blue / White
Pair 2	Orange / White
Pair 3	Green / White
Pair 4	Brown / White

U/UTP F/UTP



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

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