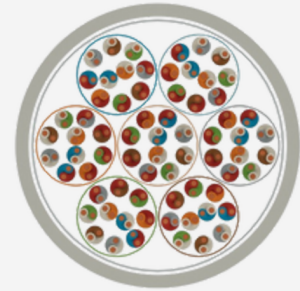


Multi-pair Cable, Cat3, UTP, LSZH , AWG 24 - FC3UL(10/25/50/100)G



DESCRIPTION

FABNET Category 3 UTP cables are designed to carry both analogue and digital signals. Offering improved transmission performance over standard indoor telephone/analog cables, this range of products can carry signals up to 10 MB/sec. Cables are available in all the common sizes from 10 pair through to 100 pair. With a UV resistant LSZH jacket, these cables can also fulfill the requirements for an indoor infra environment.

APPLICATIONS

- 10 BASE-T (IEEE 802.3)
- 4/16 Mbps Token Ring (IEEE 802.5)
- 52 Mbps ATM
- 100 VG-AnyLAN (IEEE 802.12)
- For analog and digital telecommunications system, up to 10 M Bits including 10BaseT

SPECIFICATIONS & FEATURES

- The cable shall meet ANSI/TIA-568-C.2, IEC-61156-5, IEC-11801
- Outer Jacket: UV resistant LSZH
- 24AWG Electrolytic solid copper conductor
- RoHS & REACH

MECHANICAL & PHYSICAL PROPERTIES

Basic Conductor	Electrolytic solid copper conductor	Category	CAT 3 UTP
Number of Pairs	10/25/50/100 Pairs	Long Term Bend Radius	10xOD mm
Stranding	10 pair groups wrapped with polypropylene identification tape	Operating Temperature	-20 to +60C
Outer Jacket	UV resistant LSZH	Installation Temperature	-10 to +50C
Jacket Color	RAL 7035 (Grey)	Storage Temperature	-20 to +60C
Wrapping	Polyester tape	Unit Binder	Unit 1 Blue, Unit 2 Orange, Unit 3 Green, Unit 4 Brown, Unit 5 Grey

ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100 ±%5
Conductor Resistance (Ω/km)	Max. 94
Resistance unbalance	5% max
Mutual Capacitance (nF/km)	66
Test Voltage	1200 V
Operating Voltage	230 V
Propagation delay	534 + 36/f ^{1/2} @ 1-2000 MHz
Velocity of Propagation (NVP)	%67-69
Insulation Resistance (MΩ/km)	5000

PACKING DETAILS

Length (Mtr)	Approx. OD(mm)	Packaging Type
305	7.8 to 25.6	REEL
500	7.8 to 25.6	REEL

ORDERING INFORMATION

FC3UL10G-AF	Multi-pair Cable, Cat3, 10 Pair, UTP, LSZH, 24 AWG, Gray, 500 Mtr
FC3UL25G-AF	Multi-pair Cable, Cat3, 25 Pair, UTP, LSZH, 24 AWG, Gray, 500 Mtr
FC3UL50G-AF	Multi-pair Cable, Cat3, 50 Pair, UTP, LSZH, 24 AWG, Gray, 500 Mtr
FC3UL100G-AF	Multi-pair Cable, Cat3, 100 Pair, UTP, LSZH, 24 AWG, Gray, 500 Mtr