

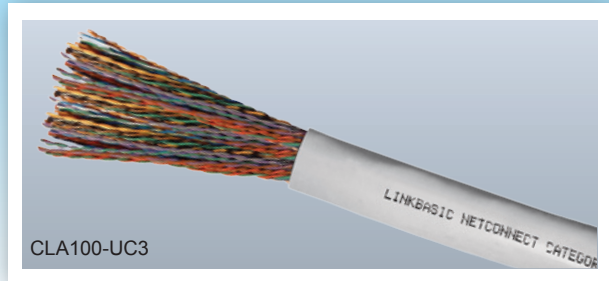
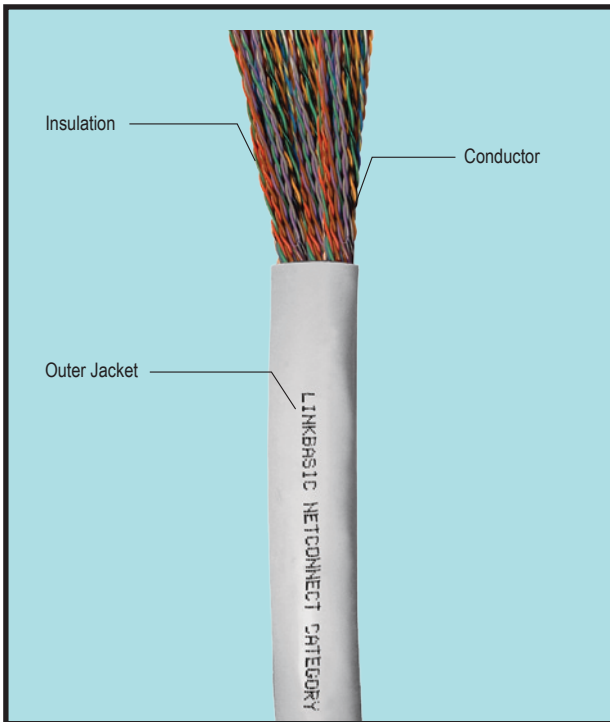
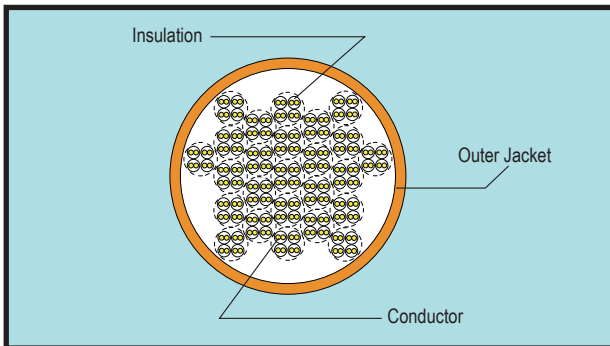
DESCRIPTION

- Rated temperature: 70 °C
- Reference standard: UL Subject 444, EIA/TIA 568B & ISO/IEC 11801
- Solid bare copper conductor
- Colour-coded PE insulation
- Rip cord (optional)
- PVC or LSZH jacket
- Packaging: Reel

APPLICATION

- Telephony Voice Wiring
- 10 Base-T
- 100 Base-T4
- Token Ring
- 100 VG-AnyLAN

PRODUCT FIGURE



Cat 3 100-pair UTP Solid Cable
RAL 7035

CONSTRUCTION

Structure	Construction	UTP
	Number of Pairs	100 Pair
	AWG	24AWG
	Conductor Dimension (mm)	0.50AWG
	Solid or Stranded; Bare or Tinned	Solid Bare Copper
Insulation	insulation material	HOPE, FRPE
	Insulation Dimension [mm]	0.83
	Number Colour (Ring or Strip marking)	-
	Cross Filler	No
Shield	Individual Shield & Material	No
	Outer Shield & Material	No
	Drain Wire	No
Outer jacket	Outer Jacket Material	PVC or LSZH
	Outer Jacket Ripcord	Per customer request
	Overall Nominal Diameter (mm)	23mm

MECHANICAL CHARACTERISTICS

Operating Temp. Range	-20~70 °C
Bulk Cable Weight (KG)	210.00KG
Max. Recommended Pulling Tension	-
Min. Bend Radius (Install)	184mm
Flame Test	CMR, CMX, CM

ELECTRICAL CHARACTERISTICS

Nom. Mutual Capacitance @ kHz	≤6.6 nF/100M
Max. Capacitance unbalance (pF/100m)	≤330pF /100M
Nominal Velocity of Propagation	65%
Max. Delay Skew (ns/100m)	≤45ns/100M
Max. Conductor DC Resistance @ 20 Deg. C	9.38Ω /100M (24' AWG)
Max. DC Resistance unbalance @ 20 Deg. C	≤5%(per TIA/EIA-568B.2) ≤3%(per IEC 61156-2)
Max. Insulation Resistance (MΩ/ km)	150
Max. Operating Voltage-UL	300V

TIA/EIA 568-B.2 ELECTRICAL CHARACTERISTICS

Frequency (MHz)	Input Impedance (Ohms)	ATT (DB/100m)	SRL (Db)	NEXT (Db)	DELAY (Ns/100m)
0.772	100±15	2.2	12.0	43.0	-
1	100±15	2.6	12.0	41.3	570.0
4	100±15	5.6	12.0	32.3	552.0
8	100±15	8.5	12.0	27.8	546.7
10	100±15	9.7	12.0	26.3	545.4
16	100±15	13.1	10.0	23.3	543.0

ORDER INFORMATION

Part number	Description	AWG	Standard color	packing Type	Carton	Carton measurement	Carton weight
CLA100-UC3	Cat 3 100-pair UTP Solid Cable	24AWG	RAL7035	Reel	305m(1000ft)	Φ90cm× H54cm	210.00KG