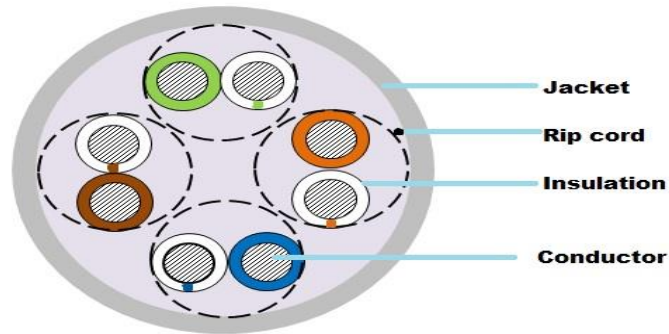




Twisted Pair (UTP) CAT5e 4 PAIR, LAN CABLE



CAT 5 UTP LAN CABLE

Construction:

Conductor	Solid Bare Electrolytic Grade Copper
Nominal Conductor Diameter	0.45 ±0.015 mm
Insulation	Polyethylene (HDPE)
Pairing	Twisted into Two core
No.of Pair	4 Pair Twisted together
Color Code: Pair #1 Pair #2 Pair #3 Pair #4	Orange-White with Orange Brown-White with Brown Blue-White with Blue Green-White with Green
Outer Sheath (As per Customer Required)	PVC
Colour of Sheath (As per Customer Required)	L-Grey
Approximate OD	4.90mm± 0.30 mm
Rip Cord	Yes
Sequential Marking	At Every Meter
TEMPRATURE RATING	- 20 to +60 OC
Packing (As per customer Required)	100/305 Mtrs.

VOLTAIC CABLE PVT LTD *A Quality Prefer Name*



LOW FREQUENCY ELECTRICAL PARAMETER

- CONDUCTOR RESISTANCE (DC):120OHMS/1000MTR@20 Degree C. MAX.
- RESISTANCE UNBALANCE :5%MAX
- MUTUAL CAPACITANCE:5.6nF/100 mtrs Max.
- CAPACITANCE UNBALANCE PAIR/GROUND:330PF/100M MAX
- Propagation Delay: 536 nS/100M
- Normal Velocity of Propagation: 69%
- Normal Velocity of Propagation: 69%
- IMPEDANCE:100±15%OHMS
- Worst Casecable skew : 45ns/100m
- Generally confirmingto EIA/TIA 568-C.2 andIEC/ISO 11801

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VOLTAIC HOUSE, S.K. IND.2 Co-Op. Soc., Shed No. A-6, Nr. Komal Circle,
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(M) 098247 22252 (O) 0261-2633755 (E) info@voltaiccables.com (W) www.voltaiccables.com



HIGH FREQUENCY ELECTRICAL PARAMETER

FREQ	INS LOSS	NEXT Pair to Pair	NEXT power sum	ACRF	Power Sum	Return Loss
(MHz)	(dB/100m)	(dB/100m)	(dB/100m)	(dB/100m)	(dB/100m)	(dB/100m)
	max	min	Min	Min	min	min
1	2.2	60	57.0	57.4	54.4	17.0
4	4.5	53.5	50.5	45.4	42.4	17.0
8	6.3	48.6	45.6	39.3	36.3	17.0
10	7.1	47.0	44.0	37.4	34.4	17.0
16	9.1	43.6	40.6	33.3	30.3	17.0
20	10.2	42.0	39.0	31.4	28.4	17.0
25	11.4	40.3	37.3	29.4	26.4	16.0
31.25	12.9	38.7	35.7	27.5	24.5	15.1
62.5	18.6	33.6	30.6	21.5	18.5	12.1
100	24.0	30.1	27.1	17.4	14.4	10.0

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