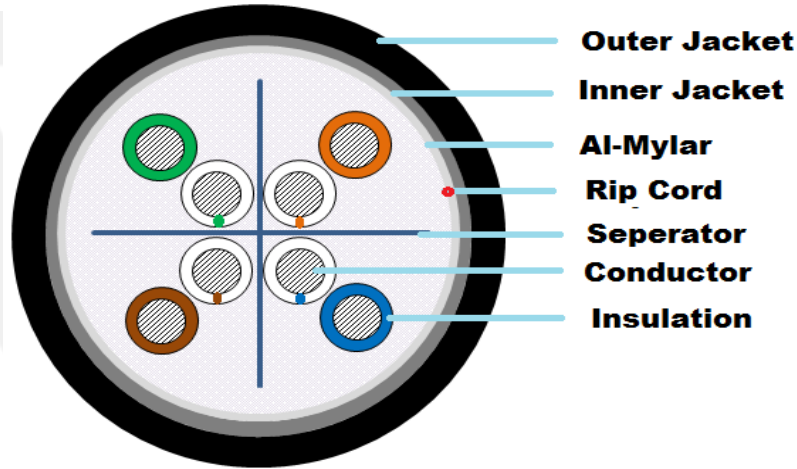


Twisted Pair (FTP) Category 6, 24 AWG, Lan Cable



CAT 6 FTP LAN CABLE

Conductor	<i>Solid Annealed Bare Electrolytic Grade Copper</i>
Nominal Conductor Diameter	<i>24 AWG</i>
Insulation	<i>HDPE</i>
Pairing	<i>Twisted into 2 core</i>
No. of Pair	<i>04 Four</i>
Color Code: Pair#1 Pair#2 Pair#3 Pair#4	<i>Orange-White with Orange Brown-White with Brown Blue-White with Blue Green-White with Green</i>
Shielding #1	<i>Al-Mylar Tape</i>
Coverage	<i>100%</i>
Rip Cord	<i>Yes</i>
Inner Sheath	<i>PVC (L-Grey)</i>

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Outer Sheath	LDPE
Colour of Sheath (as per customer)	Black
Approximate OD	6.40 mm \pm 0.50 mm
Sequential Marking	At Every Meter
Filler	HDPE
Packing Standard	305 Mtrs in Wooden Reel

LOW FREQUENCY ELECTRICAL PARAMETER

- CONDUCTOR RESISTANCE (DC): 95.0 OHMS/1000MTR@20 Degree C.MAX.
- RESISTANCE UNBALANCE :5%MAX
- MUTUAL CAPACITANCE: 5.6 nF/100 mtrsMax.
- CAPACITANCE UNBALANCE PAIR/GROUND: 330PF/100MMAX
- Propagation Delay: 536ns/100M
- Normal Velocity of Propagation:69%
- IMPEDANCE:100 \pm 15%OHMS
- Worst Case cable skew :45ns/100m
- Generally confirming to EIA/TIA 568-C.2 and IEC/ISO11801

HIGH FREQUENCY ELECTRICALPARAMETER

FREQ (MHz)	ATT (dB/100m) max.	NEXT (dB) min.	PS.NEXT(dB) min.	ACRF (dB@100m) min.	PS.ACRF (dB@100m) min	Return Loss (dB/100m) Min.
1	2.1	65.0	62.0	63.3	60.3	19
4	4.0	63.0	60.5	51.2	48.2	19
8	5.7	58.2	55.6	45.2	42.2	19

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10	6.3	56.6	54.0	43.3	40.3	19
16	8.0	53.2	50.6	39.2	36.2	18
20	9.0	51.6	49.0	37.2	34.2	17.5
25	10.1	50.0	47.3	35.3	32.3	17.0
31.25	11.4	48.4	45.7	33.4	30.4	16.5
62.5	16.5	43.4	40.6	27.3	24.3	14.0
100	21.3	39.9	37.1	23.3	20.3	12.0
200	31.5	34.8	31.9	17.2	14.2	9.0
250	35.9	33.1	30.2	15.3	12.3	8.0

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VOLTAIC HOUSE, S.K. IND.2 Co-Op. Soc., Shed No. A-6, Nr. Komal Circle,
120 Feet Road, Bamroli, Surat – 395003, Gujarat, India
(M) 098247 22252 (O) 0261-2633755 (E) info@voltaiccables.com (W) www.voltaiccables.com