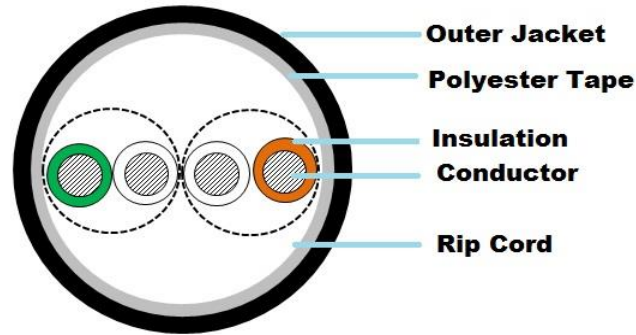




## GTP for 2 PAIR CAT5e LDPE CABLE



**2 PAIR CAT 5e LDPE CABLE**

CONSTRUCTION	
Conductor	Solid Bare Electrolytic Grade Copper
Nominal Conductor Diameter	(0.450 ± 0.015 mm)
Insulation	Polyethylene (HDPE)
Pairing	Twisted into Two core
No. of Pair	2, Each pair Twisted
<b>Color Code:</b>	
Pair #1	Orange-White with Orange
Pair #2	Green-White with Green
Tape	Polyester Tape
Outer Sheath material	LDPE
Colour of Sheath	Black
Approximate OD	4.20 ± 0.30 mm
Rip Cord	Yes
Sequential Marking	At Every Meter
Cross Filler	HDPE
Temperature Rating	-20 to + 60 °c
Packing	250 mtr In coils

Physical Characteristics	
Installation Temperature	0 to +50°C
Storage Temperature	-20 to +75°C
Operating Temperature	-20 to +60°C

ELECTRICAL PARAMETER	
CONDUCTOR RESISTANCE (DC)	120 Ω/1000 mtr @20°c Max
RESISTANCE UNBALANCE	5% Max
MUTUAL CAPACITANCE	5.6 nf/100 mtr Max
NVP	69%
IMPEDANCE	100 ± 15% Ω
Worst Cable Skew	45ns/100 mtr.

**VOLTAIC CABLE PVT LTD**  
*A Quality Prefer Name*



## HIGH FREQUENCY ELECTRICAL PARAMETER

FREQ (MHz)	INS LOSS (dB/100m)	NEXT Pair to Pair (dB/100m)	NEXT Power sum (dB/100m)	ACRF (dB/100m)	Power Sum (dB/100m)	Return Loss (dB/100m)
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
62.50	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

**VOLTAIC CABLE PVT LTD**  
*A Quality Prefer Name*

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