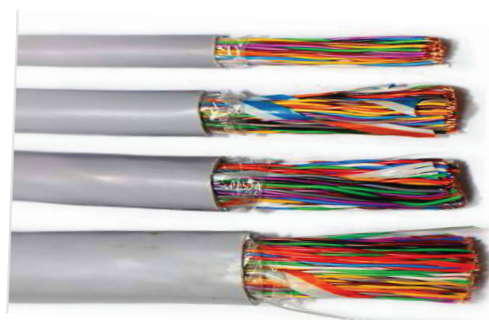


TELEPHONE CABLE CATEGORY 3 INDOOR MULTI-PAIR

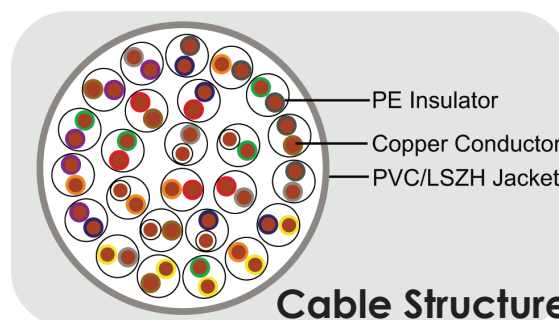
FEATURES

- 10-300 Pairs Unshielded Cable
- Conductor: Solid Bare Copper
- Sheath Color: White
- Conductor Diameter: 0.5mm Nominal(24 AWG)
- Insulation Material: HDPE
- Insulation Diameter: 0.91mm Nominal
- Sheath Material: PVC/LSZH



FEATURES

- Maximal operating frequency: 16Mhz
- Characteristic impedance: 100±15 ohms
- Nominal Velocity of Propagation: 69%
- P2Ground Capacity Unbalance: 330PF/100m(max.)
- Conductor DC Resistance at 20°C: < 93.8ohms/km
- Mutual Capacitance: < 5.6nF/100m
- Resistance Unbalance: 5% (max.)
- Delay Skew: < 45nS



Number Pair	1	2	4	10	20	25	30	50	100	200	300
Cable Diameter(mm)	3.2	4.0	5.0	6.5	8.1	9.3	10.8	13.6	18.6	26.5	32.4
Weight(kg/1km)	11.0	19.0	32.0	68.0	135.0	161.0	209.0	317.0	631.0	1315.0	1936.0
Static Bend Radius(mm)	14.0	18.0	20.0	26.0	32.4	37.2	43.2	54.4	74.4	106.0	129.6
Dynamic Bend Radius(mm)	28.0	36.0	40.0	52.0	64.8	74.4	86.4	108.8	148.8	212.0	259.2

Pair No.	Color	Pair No.	Color	Pair No.	Color	Pair No.	Color	Pair No.	Color
1	WHITE-BLUE	6	RED-BLUE	11	BLACK-BLUE	16	YELLOW-BLUE	21	PURPLE-BLUE
2	WHITE-ORANGE	7	RED-ORANGE	12	BLACK-ORANGE	17	YELLOW-ORANGE	22	PURPLE-ORANGE
3	WHITE-GREEN	8	RED-GREEN	13	BLACK-GREEN	18	YELLOW-GREEN	23	PURPLE-GREEN
4	WHITE-BROWN	9	RED-BROWN	14	BLACK-BROWN	19	YELLOW-BROWN	24	PURPLE-BROWN
5	WHITE-GRAY	10	RED-GRAY	15	BLACK-GRAY	20	YELLOW-GRAY	25	PURPLE-GRAY

COMPLIANCES

- ▶ ISO/IEC 11801
- ▶ IEC 61156-5
- ▶ EN 50173-1
- ▶ EN 50288-4-1
- ▶ ANSI/TIA-568-C.2
- ▶ YD/T 1019

TYPICAL CABLE PERFORMANCE

frequency (MHz)	Attenuation (dB/100m)	Impedance (ohm)	Return Loss (dB)	NEXT (dB/100m)	PS NEXT (dB/100m)	ACR (dB/100m)	PS ACR (dB/100m)
1.0	2.6	100.0	12.0	45.0	41.0	47.8	43.8
4.0	5.6	100	12.0	36.0	32.0	36.0	32.0
8.0	8.5	100	12.0	31.0	27.0	28.3	24.3
10.0	9.7	100	12.0	30.0	26.0	26.2	22.2
16.0	13.1	100	12.0	27.0	23.0	20.1	16.1

Ordering Information

008-CA3-010-001-IND 008-CA3-020-001-IND 008-CA3-025-001-IND 008-CA3-030-001-IND
008-CA3-050-001-IND 008-CA3-100-001-IND