

TELEPHONE CABLE CATEGORY 3 INDOOR 1-4 PAIR

FEATURES

- 1-4 Pairs Unshielded Cable
- - Conductor: Solid Bare Copper
- - Conductor Color Code:
 - 1Pair: Red-Green
 - 2Pair: Red-Green-Black-Yellow
 - 4Pair: Blue/Strip-Blue, Orange/Strip-Orange, Green/Strip-Green, Brown/Strip-Brown
- Sheath Color: White
- Conductor Diameter: 0.5mm Nominal(24 AWG)
- Insulation Material: HDPE
- Insulation Diameter: 0.91mm Nominal
- Sheath Material: PVC/LSZH

COMPLIANCES

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

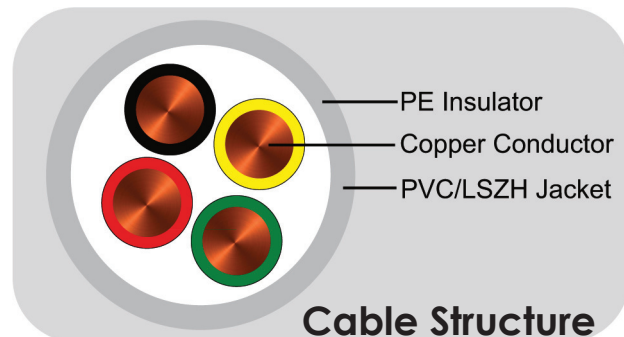
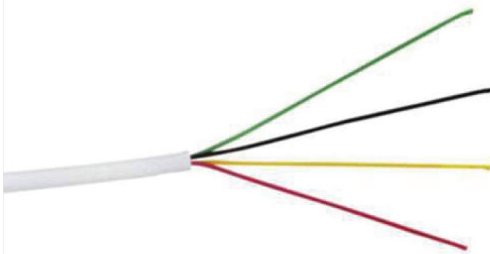
FEATURES

- 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: < 93.8 ohms/km
- Mutual Capacitance: < 5.6 nF/100m
- Resistance Unbalance: 5% (max.)
- Delay Skew: < 45 nS

Number Pair	1	2	4
Cable Diameter(mm)	3.2	4.0	5.0
Weight(kg/1km)	11.0	19.0	32.0
Static Bend Radius(mm)	14.0	18.0	20.0
Dynamic Bend Radius(mm)	28.0	36.0	40.0

- ▶ EN 50173-1
- ▶ YD/T 1019

TELEPHONE CABLE



Cable Structure

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-CA3-002-001-IND 008-CA3-004-001-IND