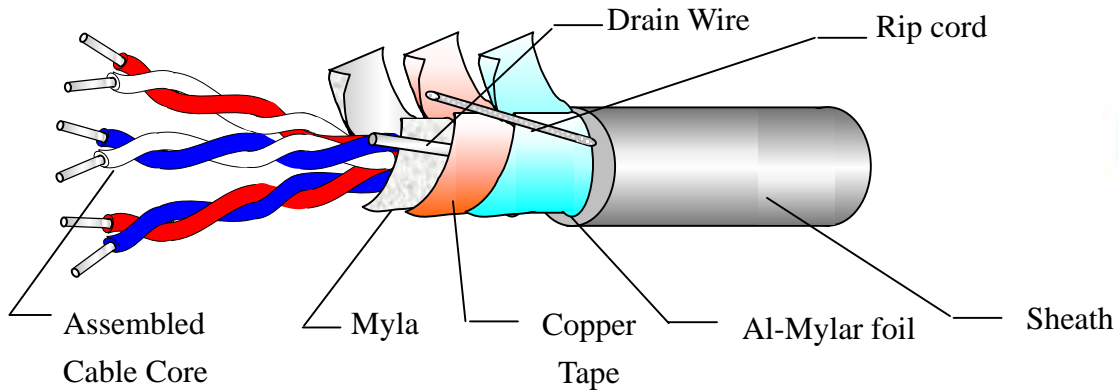




PE-PVC PCM(E1) Switch Board Cable



DESCRIPTION

1. Conductor : Annealed bare copper wire.
2. Insulation : PE (Polyethylene)
3. Twist : Two wires twisted to form a pair.
4. Assembly : Suitable number of pairs assembled to form a cable core.
5. Overall shield : a. Soft copper tape with a drain wire. b. Al-Mylar tape.
6. Sheath : PVC (polyvinyl Chloride).

STRUCTURE

Conductor Diameter(mm)	Pair (P)	Insulation Diameter(mm)	Diameter overall (approx.)	Standard Length(M)
0.5	5	1.2 ± 0.02	8.2	500
0.5	8	1.2 ± 0.02	9.5	500
0.5	10	1.2 ± 0.02	10.4	500
0.5	12	1.2 ± 0.02	11	500
0.5	14	1.2 ± 0.02	12	500
0.5	16	1.2 ± 0.02	12	500
0.5	24	1.2 ± 0.02	14	500
0.5	25	1.2 ± 0.02	14	500
0.5	30	1.2 ± 0.02	15.6	500
0.5	32	1.2 ± 0.02	16.4	500

CHARACTERISTICS

Items	Specification
Conductor Resistance	Max. 93.5Ω / Km (20)
Conductor Resistance unbalance(20)	Max. 4.0 %
Insulation Resistance	Min. 10000MΩ - Km(20 ,DC 500V / 1 min.)
Dielectric Strength	DC 3000V / 3sec. (60Hz) between conductors
Static Capacitance	Max. 50nF / Km (1KHz)
Attenuation.(1024KHz)	Max. 22 dB / Km
Characteristic Impedance	120 ± 10Ω (1024KHz)
NEXT (1024KHz)	m — ≥ 56 dB / 500M
	m : avg. value
	: Standard difference

APPLICATION

This cable is used for interconnecting between frames of PCM equipments with 120Ω characteristic impedance.