

Indoor Use Telephone Cables

Application : Designed for use in networks within telephone exchanges, commercial switchboards and interconnecting tele-communication wiring systems.

Type : Copper Conductor / Polyethylene or PVC Insulated / PVC Sheathed Cables

Technical Guide

Table 1 General Specification				
Number of Pairs	Conductor Diameter	Nominal Overall Diameter	Approximate Mass	Capacitance (Unbalance) at 1 kHz
	mm	mm	Kg/100m	pF/500m
1	0.5	5.3	1.9	300
2	0.5	6.1	3.0	300
5	0.5	8.0	5.1	300
10	0.5	9.2	9.0	300
20	0.5	11.6	16.5	300
Conductor Resistance at 20°C = 91 Ω/km				

Table 2 Colour Scheme, Unit 10 pairs/20 pairs					
Pair Number	Colour of Insulation		Pair Number	Colour of Insulation	
	A wire	B wire		A wire	B wire
1	White	Blue	11	Black	Blue
2	White	Orange	12	Black	Orange
3	White	Green	13	Black	Green
4	White	Brown	14	Black	Brown
5	White	Grey	15	Black	Grey
6	Red	Blue	16	Yellow	Blue

7	Red	Orange	17	Yellow	Orange
8	Red	Green	18	Yellow	Green
9	Red	Brown	19	Yellow	Brown
10	Red	Grey	20	Yellow	Grey

Table 3 Colour of Tape Lapping, Unit										
Unit Number	1	2	3	4	5	6	7	8	9	10
Colour	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet