



## APPLICATION

Internal telephone cables generally conform to British & International Telecommunications authorities specifications.

Type 1308 cable has each individual core of a different bi-colour for easy identification. In the color coding tables the first color is that of the PVC insulation and the second is the stripe color.

These cables are suitable for cross connecting individual items of switchboard equipments, and are used where an external telephone cable is to be connected to many internal distribution points - in a large block of flats or in a small commercial premises not equipped with private exchanges. These cables are ideal for direct connection on to terminal blocks.

## CONSTRUCTION

**Cable Type** : Cu/PVC/PVC

**Conductor** : Solid plain/tinned copper wire to BS4109.

**Insulation** : PVC to BS6746.

**Lay-up** : In full units of 16,20,30 pairs sub-units of 8,10,15 pairs - each unit identified by a different colored lapping tape; units are laid up together to form a compact circular cable

**Wrapping** : Polyester clear tape.

**Sheath** : PVC (Cream, white, grey or black) to BS6746. Fitted with a nylon ripcord for easy stripping.

No. of Pairs	No. of Cores	A-Wire Insul.		B-Wire Insul.		Cond. Area (mm <sup>2</sup> )	Cond. Insul. R/T (mm)	Core Dia. (mm)	Sheath R/T (mm)	Approx. OD (mm)	Cond. Res. at 20°C (Ω/km)	Insul. Res. (MΩ/km)	Cap. Unbalance (PF)-500M	Approx. Weight (kg/km)	PART NO.	No. of Pairs
1	2	WHI	BLU	BLU	WHI										1	
2	4	WHI	ORG	ORG	WHI	0.2	0.2	0.9	0.6	3.5	97.8	50	500	18	TI5002	2
3	6	WHI	GRN	GRN	WHI	0.2	0.2	0.9	0.7	4.3	97.8	50	500	27	TI5003	3
4	8	WHI	BRN	BRN	WHI	0.2	0.2	0.9	0.7	4.7	97.8	50	500	33	TI5004	4
5	10	WHI	GRY	GRY	WHI	0.2	0.2	0.9	0.7	5.1	97.8	50	500	39	TI5005	5
6	12	RED	BLU	BLU	RED	0.2	0.2	0.9	0.7	5.5	97.8	50	500	45	TI5006	6
7	14	RED	ORG	ORG	RED										7	
8	16	RED	GRN	GRN	RED	0.2	0.2	0.9	0.7	6.1	97.8	50	500	57	TI5008	8
9	18	RED	BRN	BRN	RED										9	
10	20	RED	GRY	GRY	RED	0.2	0.2	0.9	0.7	6.6	97.8	50	500	69	TI5010	10
11	22	BLK	BLU	BLU	BLK										11	
12	24	BLK	ORG	ORG	BLK	0.2	0.2	0.9	0.8	7.3	97.8	50	500	83	TI5012	12
13	26	BLK	GRN	GRN	BLK										13	
14	28	BLK	BRN	BRN	BLK										14	
15	30	BLK	GRY	GRY	BLK	0.2	0.2	0.9	0.8	8.0	97.8	50	500	100	TI5015	15
16	32	YEL	BLU	BLU	YEL										16	
17	34	YEL	ORG	ORG	YEL										17	
18	36	YEL	GRN	GRN	YEL										18	
19	38	YEL	BRN	BRN	YEL										19	
20	40	YEL	GRY	GRY	YEL	0.2	0.2	0.9	0.9	9.2	97.8	50	500	133	TI5020	20
21	42	VIO	BLU	BLU	VIO										21	
22	44	VIO	ORG	ORG	VIO										22	
23	46	VIO	GRN	GRN	VIO										23	
24	48	VIO	BRN	BRN	VIO										24	
25	50	VIO	GRY	GRY	VIO	0.2	0.2	0.9	0.9	10.1	97.8	50	500	162	TI5025	25
26	52	PNK	BLU	BLU	PNK										26	
27	54	PNK	ORG	ORG	PNK										27	
28	56	PNK	GRN	GRN	PNK										28	
29	58	PNK	BRN	BRN	PNK										29	
30	60	PNK	GRY	GRY	PNK	0.2	0.2	0.9	1.0	11.1	97.8	50	500	194	TI5030	30
Unit construction cables (Laid up in 10 and 20 pair units as per above color coding.)																
40	80					0.2	0.2	0.9	1.0	12.5	97.8	50	500	249	TI5040	40
50	100					0.2	0.2	0.9	1.2	14.1	97.8	50	500	316	TI5050	50
100	200					0.2	0.2	0.9	1.6	19.7	97.8	50	500	622	TI5100	100
200	400					0.2	0.2	0.9	1.8	27.0	97.8	50	500	1181	TI5200	200

