

# Cable Equipment

Plain Annealed Copper Wire/PVC Insulation/PVC Sheathed  
Internal Telephone Cable (Complies with BT Specification CW1308)

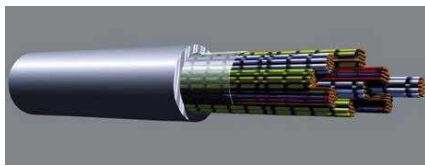
## Application

The cable is designed to handle low frequency signals for short-range applications and is intended to be terminated in Insulation Displacement Connectors (IDC), but may be soldered or wrapped.

## Construction

The products are of bunch or unit construction with pairs identified as indicated in the accompanying tables.

Number Pairs	Conductor Diameter (mm)	Minimum Radial Insulation (mm)	Maximum Insulated Diameter (mm)	Maximum Overall Diameter (mm)	Resistance @ 20°C (ohms/km)	Capacitance Unbalance (pF/500m)	Article No 100m	Article No 500m
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## Product Description

Plain annealed solid copper wire, PVC insulated twisted pair or triple, PVC sheath. An optional screen of aluminium/PVC is available on request.

1	0.5	0.15	0.95	2.2	97.8	500	520-2611	520-2712
2	0.5	0.15	0.95	4.0	97.8	500	520-2627	520-2728
3	0.5	0.15	0.95	5.0	97.8	500	520-2633	520-2740
4	0.5	0.15	0.95	5.8	97.8	500	520-2649	520-2756
6	0.5	0.15	0.95	6.8	97.8	500	520-2655	520-2762
10	0.5	0.15	0.95	8.3	97.8	500	520-2661	520-2778
12	0.5	0.15	0.95	9.1	97.8	500	520-2683	N/A
20**	0.5	0.15	0.95	10.7	97.8	500	520-2699	N/A
25	0.5	0.15	0.95	11.4	97.8	500	520-2706	N/A

20\*\* this cable has an additional 0.5mm insulated conductor, coloured VIOLET.

## Insulation Resistance

Insulation resistance measurements shall be made with not less than 500 volts D.C. After steady electrification for one minute the insulation resistance measured between each conductor and the remaining conductors connected together shall be not less than 50 megohms per 1000 metres at 20°C.

## Colour Scheme for 2 Pair Cable (Complies with BT Specification CW1308 Issue 12 and subsequent Issues)

Cabling Element No.	a-wire	b-wire
1	BLUE	ORANGE
2	GREEN	BROWN

Note 1: All insulation colours are solid with no banding or stripes.

## Colour Scheme for Cable with greater than 2 Pairs

Cabling Element No.	a-wire	b-wire	Cabling Element No.	a-wire	b-wire
1	WHITE-Blue	BLUE-White	14	BLACK-Brown	BROWN-Black
2	WHITE-Orange	ORANGE-White	15	BLACK-Grey	GREY-Black
3	WHITE-Green	GREEN-White	16	YELLOW-Blue	BLUE-Yellow
4	WHITE-Brown	BROWN-White	17	YELLOW-Orange	ORANGE-Yellow
5	WHITE-Grey	GREY-White	18	YELLOW-Green	GREEN-Yellow
6	RED-Blue	BLUE-Red	19	YELLOW-Brown	BROWN-Yellow
7	RED-Orange	ORANGE-Red	20	YELLOW-Grey	GREY-Yellow
8	RED-Green	GREEN-Red	21	VIOLET-Blue	BLUE-Violet
9	RED-Brown	BROWN-Red	22	VIOLET-Orange	ORANGE-Violet
10	RED-Grey	GREY-Red	23	VIOLET-Green	GREEN-Violet
11	BLACK-Blue	BLUE-Black	24	VIOLET-Brown	BROWN-Violet
12	BLACK-Orange	ORANGE-Black	25	VIOLET-Grey	GREY-Violet
13	BLACK-Green	GREEN-Black			

Note 1: Uppercase letters indicate the base, solid colour of insulation, and the lower case indicates ink bands applied onto the base colour.