

# CW I 308B Internal/External Telephone Cable HFFR/LSZH Sheath

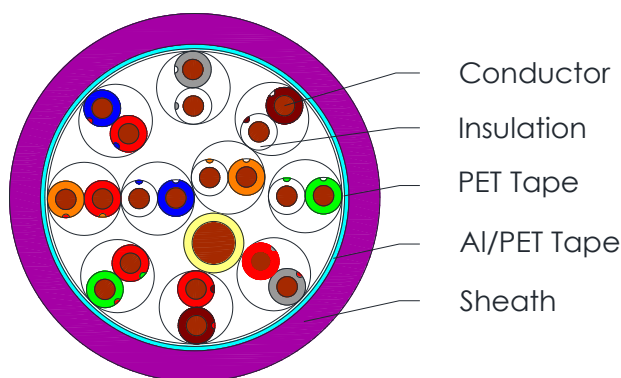


**C5476, C5477, C5478, C5479, C5480, C5481**

## Applications

Cables primarily designed for the interconnection of telephone equipment both internally and externally. In addition these cables may be used for the interconnection of other communication and control equipment or low level signalling applications.

## Cross Section Drawing



## Design

Unit	Properties
Conductor	Solid Annealed Copper Wire
Insulation	Polyvinyl chloride (PVC)
Twinning	Pair construction
Binder Tape	PET Tape
Earth wire	Polyvinyl chloride (PVC) Color: Cream
Wrapping Tape	PET Tape
Screen/Moisture Barrier	Al/PET Tape
Rip Cord	Nylon Yarn
Outer Sheath Material	Halogen Free Flame Retardant (HFFR/LSZH) Standard Colour: Purple
Standard Put Up Length	305M or 500m

\*Other Colors, Put Up Lengths and structures can be manufactured upon request, please contact your local B3 International sales representative.

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## Electrical Characteristics at 20°C

Conductor Size (mm)	Max DC Resistance (Ohm/km)	Min. Insulation Resistance 500Vdc for 1min (MΩ/Km)	Max Capacitance Unbalance AC 800Hz (pF/500m)
0.50	97.8	50	500
1.38	12.4	-	-

## Color Scheme

Pair No.	Color		Pair No.	Color	
1	WHITE-Blue	BLUE-White	16	YELLOW-Blue	BLUE-Yellow
2	WHITE-Orange	ORANGE-White	17	YELLOW-Orange	ORANGE-Yellow
3	WHITE-Green	GREEN-White	18	YELLOW-Green	GREEN-Yellow
4	WHITE-Brown	BROWN-White	19	YELLOW-Brown	BROWN-Yellow
5	WHITE-Grey	GREY-White	20	YELLOW-Grey	GREY-Yellow
6	RED-Blue	BLUE-Red	21	VIOLET-Blue	BLUE-Violet
7	RED-Orange	ORANGE-Red	22	VIOLET-Orange	ORANGE-Violet
8	RED-Green	GREEN-Red	23	VIOLET-Green	GREEN-Violet
9	RED-Brown	BROWN-Red	24	VIOLET-Brown	BROWN-Violet
10	RED-Grey	GREY-Red	25	VIOLET-Grey	GREY-Violet
11	BLACK-Blue	BLUE-Black	26	PINK-Blue	BLUE-Pink
12	BLACK-Orange	ORANGE-Black	27	PINK-Orange	ORANGE-Pink
13	BLACK-Green	GREEN-Black	28	PINK-Green	GREEN-Pink
14	BLACK-Brown	BROWN-Black	29	PINK-Brown	BROWN-Pink
15	BLACK-Grey	GREY-Black	30	PINK-Grey	GREY-Pink

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

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## Constructional Information

Part Number	No. Pairs	Unit Make Up	Nom. Conductor size (mm)	Earth wire conductor size (mm)	Max. Earth wire insulation diameter (mm)	Unit Binder Colour	Max Overall Diameter (mm)	Cable Weight (Kg/km)
C5476	10	1 x 10	0.5	1.38-	3.50	Org	7.0	98
C5477	20	1 x 20	0.5	1.38-	3.50	Org	9.0	155
C5478	50	5 x 10	0.5	1.38	3.50	Org, Nat(3), Grn	13.5	325
C5479	80	8 x 10	0.5	1.38	3.50	Org, Grn, Org, Nat(4), Grn	16.5	495
C5480	100	10 x 10	0.5	1.38	3.50	Org(2), Nat(3), Grn, Org, Nat(2), Grn	19.0	610
C5481	200	4 x 50	0.5	1.38	3.50	Org(2), Grn(2)	25.6	1155

## Reference Standards

CW1308B	IEC 61034 for HFFR/LSZH
EN 50290-2	IEC 60754-1&-2 for HFFR/LSZH
M84 Classification A	RoHS directives