

Drop Wires No. 1, 2, 6 & 8 to CW 1166, CW 208, CW 1247 & CW 1320A

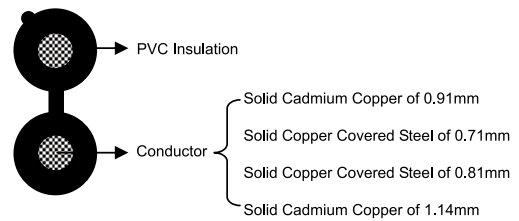
APPLICATION

The drop wires are designed for extending an open wire line or distribution pairs from a pole or cable terminal to a building. The drop wires are to be installed between distribution point and telephone subscriber premises.



STANDARDS

- CW 1166 (Drop Wires No. 1)
- CW 208 (Drop Wires No. 2)
- CW 1247 (Drop Wires No. 6)
- CW 1320A (Drop Wires No. 8)



CONSTRUCTION

• Conductors:

- Solid cadmium copper of 0.91mm to BS 4807 (Drop Wires No. 1)
- Solid copper covered steel of 0.71mm to BS 4807 (Drop Wires No. 2)
- Solid copper covered steel of 0.81mm to BS 4807 (Drop Wires No. 6)
- Solid cadmium copper of 1.14mm to BS 4807 (Drop Wires No. 8)

• Insulation:

- PVC to BS 6746 T1 (Drop Wires No. 1)
- PVC to BS 6746 T2 (Drop Wires No. 2)
- PVC to BS 7878 T1 (Drop Wires No. 6)
- PVC to BS 6746 T1 (Drop Wires No. 8)

- **Cable Core Assembly:** Two conductors are extruded parallel, figure-8 type.

ELECTRICAL PROPERTIES

Nominal Conductor Diameter	mm	0.91	0.71	0.81	1.14
BT Drop Wire Reference		No. 1	No. 2	No. 6	No. 8
Conductor Size	mm ²	0.65	0.4	0.52	1.02
Minimum Insulation Resistance @500V DC	MΩ-km	24	24	50	24
Minimum Insulation Thickness	mm	0.75	1.02	0.8	1.52
Nominal Insulated Conductor Diameter	mm	2.41	2.75	2.41	4.18



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INDOOR TELEPHONE CABLES

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MECHANICAL AND THERMAL PROPERTIES

Temperature range during operation (fixed state): -30°C – +70°C

Temperature range during installation (mobile state): -20°C – +50°C

Minimum bending radius: 7.5 x Overall Diameter

DIMENSIONS AND WEIGHT

Cable Code	Number of Cores	Minimum Insulation Thickness mm	Maximum Cable Dimensions Diameter X Height mm	Nominal Weight kg/km
TP1166-Y-1P091-DW1	2	0.91mm Conductor, 2.41mm Insulated Wire 0.75	2.7x5.6	25
TP208-Y-1P071-DW2	2	0.71mm Conductor, 2.75mm Insulated Wire 1.02	2.75x6.0	20
TP1247-Y-1P081-DW6	2	0.81mm Conductor, 2.41mm Insulated Wire 0.8	2.5x5.4	23
TP1320A-Y-1P114-DW8	2	1.14mm Conductor, 4.18mm Insulated Wire 1.52	4.44x9.4	34

