

Jumper Wires



Technical data

- **Temperature rating:** 70 °C
- **Minimum bending radius**
7.5 x cable diameter
- **Abrasion Resistant**

Cable structure

- **Conductor:** solid bare copper or tinned copper
- **Insulation:** SR-PVC to BS 6746 (CW 1109); cross-linked PVC (CW 1257) & PVC (CW 1423)

Application

The jumper wires are suitable to be used for the general wiring between terminal blocks at main distribution frames (MDF), cross connection cabinets (CCP) and distribution frames or boxes.

	CW 1109	CW 1257	CW 1423
Maximum conductor resistance at 20°C(Ohm/km)	234	153	98
Minimum insulation resistance at 500 V DC(MOhm x km)	50	50	50

CW 1109

0.32 mm Conductor, 0.7 mm Insulated Wire

No. of Wires	Conductor Diameter mm	Conductor Size mm ²	Outer Diameter mm	Cable Weight kg/km
1	0.32	0.08	0.7	1.5
2	0.32	0.08	1.3	3.0

0.4 mm Conductor, 0.85 mm Insulated Wire

1	0.4	0.126	0.85	1.8
2	0.4	0.126	1.45	3.6

0.5 mm Conductor, 0.95 mm Insulated Wire

1	0.5	0.196	0.95	2.2
2	0.5	0.196	1.65	4.8
3	0.5	0.196	2.35	6.6

0.6 mm Conductor, 1.05 mm Insulated Wire

1	0.6	0.283	1.05	2.8
2	0.6	0.283	1.75	5.6

0.8 mm Conductor, 1.5 mm Insulated Wire

1	0.8	0.5	1.50	5.5
2	0.8	0.5	2.50	11.0

1.0 mm Conductor, 1.7 mm Insulated Wire

1	1.0	0.785	1.70	6.5
2	1.0	0.785	2.60	13.0

7/0.2 mm Conductor, 1.05 mm Insulated Wire

1	7/0.2	0.22	1.05	2.5
2	7/0.2	0.22	2.35	5.0

Jumper Wire



CW 1257

0.4 mm Conductor, 1.0 mm Insulated Wire

No. of Wires	Conductor Diameter mm	Conductor Size mm ²	Outer Diameter mm	Cable Weight kg/km
1	0.4	0.126	1.0	2.0
2	0.4	0.126	1.8	4.0

0.4 mm Conductor, 0.85 mm Insulated Wire

1	0.5	0.19	1.1	2.5
2	0.5	0.19	2.0	5.0

0.6 mm Conductor, 1.2 mm Insulated Wire

1	0.6	0.283	1.2	2.9
2	0.6	0.283	2.2	5.8

CW 1423

0.5 mm Conductor, 1.1 mm Insulated Wire

1	0.5	0.196	1.98	2.5
2	0.5	0.196	2.50	5.0
3	0.5	0.196	3.00	7.5
4	0.5	0.196	3.80	10.0
5	0.5	0.196	4.60	12.5



Abrasion Tester