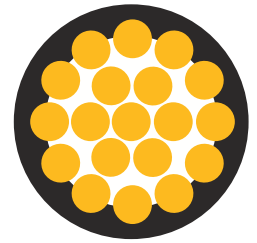


PVC Insulated Hard Drawn Copper Conductors

For overhead power lines when crossing telecommunication Lines

Type	: Type 8 (or Type 16)*
Standard	: BS 6485
Conductor	: Hard drawn stranded copper wires
Insulation	: PVC compound**
Packing	: Non returnable wooden drums as per customer requirements



TECHNICAL INFORMATION

Type 8

Nominal Cross Section	Number & nominal wire diameter	Minimum insulation Thickness	Approx. Overall diameter	Approx. Conductor weight	Max DC Resistance at 20°C
mm ²	NR x mm	mm	mm	Kg/km	ohm/km
10	7x1.35	0.8	6.05	115	1.890
16	7x1.70	0.8	7.1	180	1.190
25	7x2.14	0.8	8.42	265	0.749
35	7x2.50	0.8	9.5	355	0.540
50	7x3.0	0.8	11	515	0.399
50	19x1.80	0.8	11.0	505	0.399
70	19x2.10	0.8	12.5	565	0.276
95	19x2.50	0.8	14.5	950	0.199
120	19x2.50	0.8	16.0	1180	0.158
150	37x2.25	0.8	17.8	1460	0.128
185	37x2.50	0.8	19.5	1790	0.102



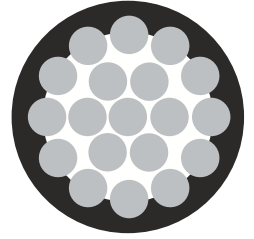
*Insulation color is black for Type 8, green for Type 16, or other colors as per customer requirements

**Type 16 (increased insulation thickness) overhead lines are available.

PVC Insulated Hard Drawn Aluminum Conductors

For overhead power lines when crossing telecommunication Lines

Type : Type 8 (or Type 16)*
Standard : BS 6485
Conductor : Hard drawn stranded copper wires
Insulation : PVC compound**
Packing : Non returnable wooden drums as per customer requirements



TECHNICAL INFORMATION

Nominal Cross Section	Number & nominal wire diameter	Minimum insulation Thickness	Approx Overall diameter	Approx Conductor weight	Max DC Resistance at 20°C
mm ²	NR x mm	mm	mm	Kg/km	ohm/km
16	7x1.70	0.8	7.1	80	1.8017
25	7x2.10	0.8	8.3	115	1.1807
35	7x2.50	0.8	9.5	145	1.8331
50	7x3.10	0.8	11.3	195	0.5786
50	19x1.80	0.8	11.0	200	0.5949
70	19x2.10	0.8	12.5	250	0.4371
95	19x2.50	0.8	14.5	335	0.3084
120	19x2.80	0.8	16.0	415	0.2459
150	37x2.25	0.8	17.75	512	0.1960
185	37x2.50	0.8	19.5	605	0.1587

*Insulation color is black for Type 8, green for Type 16, or other colors as per customer requirements

**Type 16 (increased insulation thickness) overhead lines are available.

