

## Construction

- 1 Tinned copper conductor
- 2 Silicone insulation
- 3 Silicone sheath
- 4 Glass fibre tape
- 5 Galvanized Steel wire braid

# AWAITING IMAGE

**Norms:** RoHS, Reach Compliant, CE  
CEI EN 60228

**Voltage:** 300/500v for size up to 1.0mm<sup>2</sup>, 450/750v for size over 1.0mm<sup>2</sup>

**Working Temperature:** -60°C to +180°C on the conductor

**Max temp. of short circuit:** 350°C on the conductor

**Minimum bending radius:** 4 x Ø for fixed installation, mobile installation 6 x Ø

**Application:** For use where mechanical protection is required in rolling mills, foundries, steel works, furnaces, glass works, cement works and general use where temperature range is widely variable. The cables perform well under fire conditions and are Halogen free and low in smoke.

Nominal Size mm <sup>2</sup>	Thickness of Insulation (mm)	Thickness of Sheath (mm)	Outer Diameter (mm)	Cable Weight (Kg/Km)	Maximum conductor resistance At 20°C Ohms/Km	
					Plain	Tinned
2 x 0.5	0.6	0.8	7.0	88	39.0	40.1
3 x 0.5	0.6	0.8	7.4	97	39.0	40.1
4 x 0.5	0.6	0.8	7.9	111	39.0	40.1
5 x 0.5	0.6	0.8	8.5	152	39.0	40.1
6 x 0.5	0.6	0.8	9.1	178	39.0	40.1
7 x 0.5	0.6	0.8	9.1	182	39.0	40.1
2 x 0.75	0.6	0.8	7.4	102	26.0	26.7
3 x 0.75	0.6	0.8	7.8	116	26.0	26.7
4 x 0.75	0.6	0.9	8.4	160	26.0	26.7
5 x 0.75	0.6	0.9	9.3	188	26.0	26.7
6 x 0.75	0.6	0.9	9.9	211	26.0	26.7
7 x 0.75	0.6	0.9	9.9	217	26.0	26.7
2 x 1.0	0.6	0.8	7.7	110	19.5	20.0
3 x 1.0	0.6	0.8	8.1	150	19.5	20.0
4 x 1.0	0.6	0.9	9.0	172	19.5	20.0
5 x 1.0	0.6	0.9	9.7	205	19.5	20.0
6 x 1.0	0.6	0.9	10.4	231	19.5	20.0
7 x 1.0	0.6	0.9	10.4	239	19.5	20.0

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					Plain	Tinned
2 x 1.5	0.6	0.8	8.3	155	13.3	13.7
3 x 1.5	0.6	0.9	9.0	176	13.3	13.7
4 x 1.5	0.6	1.0	9.9	214	13.3	13.7
5 x 1.5	0.6	1.0	10.7	256	13.3	13.7
6 x 1.5	0.6	1.0	11.5	290	13.3	13.7
7 x 1.5	0.6	1.0	11.5	302	13.3	13.7
2 x 2.5	0.7	1.0	10.1	210	7.98	8.21
3 x 2.5	0.7	1.1	10.9	246	7.98	8.21
4 x 2.5	0.7	1.1	11.8	291	7.98	8.21
5 x 2.5	0.7	1.1	12.8	352	7.98	8.21
6 x 2.5	0.7	1.1	13.8	407	7.98	8.21
7 x 2.5	0.7	1.1	13.8	427	7.98	8.21
2 x 4.0	0.8	1.1	11.6	280	4.95	5.09
3 x 4.0	0.8	1.2	12.5	345	4.95	5.09
4 x 4.0	0.8	1.2	13.5	438	4.95	5.09
5 x 4.0	0.8	1.3	14.9	514	4.95	5.09
6 x 4.0	0.8	1.3	16.1	602	4.95	5.09
7 x 4.0	0.8	1.3	16.1	634	4.95	5.09
2 x 6.0	0.8	1.1	12.9	415	3.30	3.39
3 x 6.0	0.8	1.2	13.8	494	3.30	3.39
4 x 6.0	0.8	1.2	15.0	601	3.30	3.39
5 x 6.0	0.8	1.4	16.7	779	3.30	3.39
6 x 6.0	0.8	1.4	18.1	906	3.30	3.39
7 x 6.0	0.8	1.4	18.1	954	3.30	3.39

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