

## Construction

- 1 Tinned copper conductor (Class 5)
- 2 Silicone insulation
- 3 Silicone sheath
- 4 Tinned copper braid screen
- 5 Silicone sheath

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 interference-free transmission of signals is required in steelworks, foundries, rolling mills, 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	8.0	109	39.0	40.1
3 x 0.5	0.6	0.8	8.3	120	39.0	40.1
4 x 0.5	0.6	0.9	9.1	145	39.0	40.1
5 x 0.5	0.6	0.9	9.9	169	39.0	40.1
6 x 0.5	0.6	0.9	10.9	203	39.0	40.1
7 x 0.5	0.6	0.9	10.9	206	39.0	40.1
2 x 0.75	0.6	0.9	9.0	139	26.0	26.7
3 x 0.75	0.6	0.9	9.4	154	26.0	26.7
4 x 0.75	0.6	1.0	10.4	189	26.0	26.7
5 x 0.75	0.6	1.0	11.3	223	26.0	26.7
6 x 0.75	0.6	1.0	12.0	251	26.0	26.7
7 x 0.75	0.6	1.0	12.0	256	26.0	26.7
2 x 1.0	0.6	1.0	9.4	152	19.5	20.0
3 x 1.0	0.6	1.0	9.8	169	19.5	20.0
4 x 1.0	0.6	1.2	11.1	216	19.5	20.0
5 x 1.0	0.6	1.2	12.0	250	19.5	20.0
6 x 1.0	0.6	1.2	12.7	284	19.5	20.0
7 x 1.0	0.6	1.2	12.7	291	19.5	20.0

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					Plain	Tinned
2 x 1.5	0.6	1.2	10.8	199	13.3	13.7
3 x 1.5	0.6	1.2	11.2	222	13.3	13.7
4 x 1.5	0.6	1.2	12.0	255	13.3	13.7
5 x 1.5	0.6	1.2	12.8	297	13.3	13.7
6 x 1.5	0.6	1.2	13.6	334	13.3	13.7
7 x 1.5	0.6	1.2	13.6	344	13.3	13.7
2 x 2.5	0.7	1.2	12.0	248	7.98	8.21
3 x 2.5	0.7	1.2	12.9	302	7.98	8.21
4 x 2.5	0.7	1.2	13.8	346	7.98	8.21
5 x 2.5	0.7	1.2	14.8	408	7.98	8.21
6 x 2.5	0.7	1.2	15.8	459	7.98	8.21
7 x 2.5	0.7	1.2	15.8	476	7.98	8.21
2 x 4.0	0.8	1.3	14.2	348	4.95	5.09
3 x 4.0	0.8	1.3	14.9	401	4.95	5.09
4 x 4.0	0.8	1.3	16.0	463	4.95	5.09
5 x 4.0	0.8	1.3	17.4	549	4.95	5.09
6 x 4.0	0.8	1.3	19.0	651	4.95	5.09
7 x 4.0	0.8	1.3	19.0	675	4.95	5.09
2 x 6.0	0.8	1.3	15.8	428	3.30	3.39
3 x 6.0	0.8	1.3	16.6	508	3.30	3.39
4 x 6.0	0.8	1.3	18.1	619	3.30	3.39
5 x 6.0	0.8	1.3	20.0	740	3.30	3.39
6 x 6.0	0.8	1.3	21.4	854	3.30	3.39
7 x 6.0	0.8	1.3	21.4	891	3.30	3.39

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