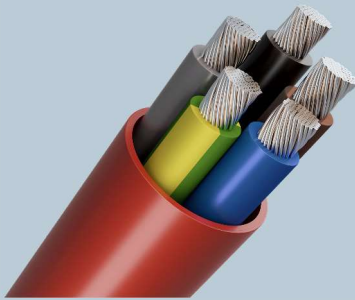


# SILICONE CABTYRE

## MULTI-CORE EXTERNAL SILICONE SHEATH

### PROPERTIES



<b>Nominal Voltage:</b>	300/500V
<b>Test Voltage:</b>	2000V
<b>Temperature Rating:</b>	-60°C to +180°C
<b>Min. Bending Radius:</b>	Fixed Installations 3 x outer diam
	Mobile Installations 4 x outer diam

### APPLICATIONS

The cable is intended for high temperatures and is suitable for permanent installation within light fixtures. Its silicone rubber insulation not only provides excellent performance in high-temperature environments but also ensures the cable is free of halogen, exhibiting outstanding resistance to UV, ozone, oxygen, artificial light, and atmospheric conditions. Furthermore, it retains its elastic properties even in extremely low temperatures, reaching as low as -50°C.

### PACKAGING

Sold in full drums or cut to specification

### CORE IDENTIFICATION

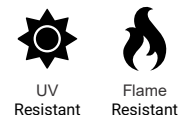
3 Cores :	Yellow/Green - Blue - Brown
4 Cores :	Yellow/Green - Blue - Brown - Black
5 Cores :	Yellow/Green - Blue - Brown - Black - Grey

### CONSTRUCTION

Conductor:	Twisted strands of flexible tin coated copper wires. Copper wire class 5. Construction in conformity to EN60228
Insulation:	Silicone Rubber E12
Sheath Colour:	Red Brick
External Ø Tolerance:	0.20mm
Other:	Halogen Free, Low Smoke

### STANDARDS

- EN 50525
- EN 60228
- EN 50363
- EN 50395
- EN 50396



Cores No.	Cross Section	Insulation Thickness	Sheath Thickness	Outer Diameter	Approx. Cable Weight	Electric Resistance at 20oC
(N°)	(mm <sup>2</sup> )	(mm)	(mm)	(mm)	(kg/km)	(Ohm/km)
<b>TWO CORES</b>						
2G	0.50	0.6	0.8	5.8	52	39
2G	0.75	0.6	0.8	6.2	62	26
2G	1.00	0.6	0.8	6.5	71	19.5
2G	1.50	0.6	0.8	7.1	89	13.3
2G	2.50	0.7	1.0	8.9	141	7.98
2G	4.00	0.8	1.1	10.4	197	4.95
2G	6.00	0.8	1.1	11.6	257	3.3
2G	10.00	1.0	1.3	14.8	423	1.91
2G	16.00	1.2	1.4	17.8	603	0.121
2G	25.00	1.4	1.5	21.2	878	0.78

Cores No.	Cross Section	Insulation Thickness	Sheath Thickness	Outer Diameter	Approx. Cable Weight	Electric Resistance at 20oC
(N°)	(mm <sup>2</sup> )	(mm)	(mm)	(mm)	(kg/km)	(Ohm/km)
<b>THREE CORES</b>						
3G	0.50	0.6	0.8	6.1	61	39
3G	0.75	0.6	0.8	6.5	73	26
3G	1.00	0.6	0.8	6.9	85	19.5
3G	1.50	0.6	0.9	7.7	112	13.3
3G	2.50	0.7	1.1	9.6	177	7.98
3G	4.00	0.8	1.2	11.3	247	4.95
3G	6.00	0.8	1.2	12.6	326	3.3
3G	10.00	1.0	1.3	15.8	512	1.91
3G	16.00	1.2	1.5	19.2	767	1.21
3G	25.00	1.4	1.5	22.6	1112	0.78

Cores No.	Cross Section	Insulation Thickness	Sheath Thickness	Outer Diameter	Approx. Cable Weight	Electric Resistance at 20oC
(N°)	(mm <sup>2</sup> )	(mm)	(mm)	(mm)	(kg/km)	(Ohm/km)
<b>FOUR CORES</b>						
4G	0.50	0.6	0.8	6.7	74	39
4G	0.75	0.6	0.8	7.1	89	26
4G	1.00	0.6	0.9	7.7	107	19.5
4G	1.50	0.6	1.0	8.6	142	13.3
4G	2.50	0.7	1.1	10.6	218	7.98
4G	4.00	0.8	1.2	12.3	306	4.95
4G	6.00	0.8	1.2	13.8	406	3.3
4G	10.00	1.0	1.4	17.6	648	1.91
4G	16.00	1.2	1.5	21.1	962	1.21
4G	25.00	1.4	1.6	25.2	1414	0.78

Cores No.	Cross Section	Insulation Thickness	Sheath Thickness	Outer Diameter	Approx. Cable Weight	Electric Resistance at 20oC
(N°)	(mm <sup>2</sup> )	(mm)	(mm)	(mm)	(kg/km)	(Ohm/km)
<b>FIVE CORES</b>						
5G	0.50	0.6	0.8	7.3	89	39
5G	0.75	0.6	0.9	8.0	112	26
5G	1.00	0.6	0.9	8.4	130	19.5
5G	1.50	0.6	1.0	9.4	173	13.3
5G	2.50	0.7	1.1	11.6	265	7.98
5G	4.00	0.8	1.3	13.7	381	4.95
5G	6.00	0.8	1.4	15.5	504	3.3