

Sureflex Double Insulated Power Cable

0.6/1kV 90°C Flexible XLPE / PVC-NBR Flame Retardant, Water, Oil, UV & Ozone Resistant

EC

Flexible 90°C VW-1 & FT1 Rated Double Insulated Cable for Fixed, Temporary & Panel Wiring Applications with Class 6* Flexible Conductor

- Fixed Power
- Temporary Power
- Panel Wiring

Conductor

Fine stranded flexible Class 6* copper to IEC 60228 & AS/NZS 1125.

Insulation

Flexible Soft XLPE

Outer Sheath

Modified PVC-NBR

Voltage Rating

0.6/1kV AC

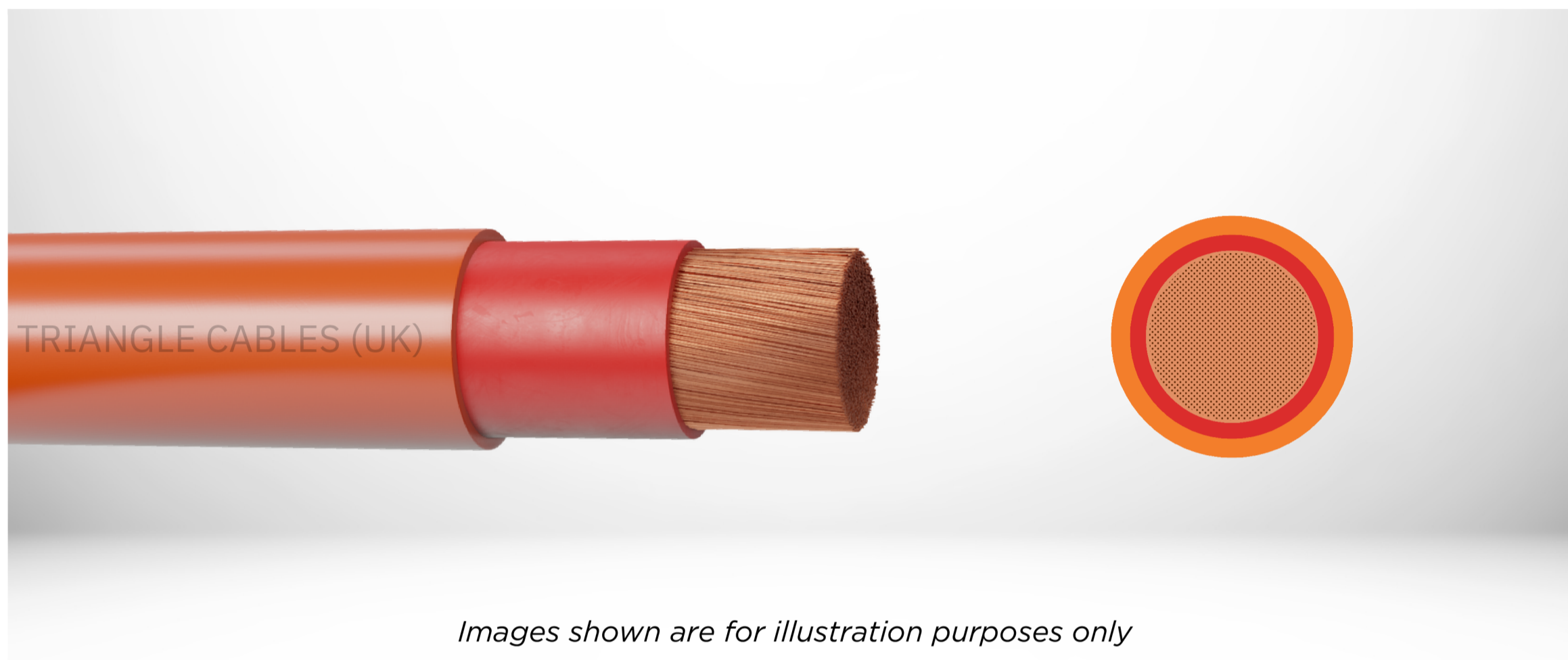
Operating Temperature

-15°C to +90°C

Standards

IEC 60228, IEC 60332-1, Gen. to BS7889:2012, UL 1581 VW-1, CSA C22.2 No. 2556 FT1

Available Colours



Number of Conductors	Cross-sectional Area (mm ²)	Product Code	Strand Diameter (mm)	Approx. Conductor Diameter (mm)	Insulation Nominal Thickness (mm)	Sheath Nominal Thickness (mm)	Approx. Overall Diameter (mm)	Approx. Weight (kg/km)	Maximum DC Resistance @ 20°C (Ω/km)
1C	6	EC6	0.2	3.2	0.7	1.4	7.1	87	3.3
1C	10	EC10	0.2	4.22	0.7	1.4	8.2	134	1.91
1C	16	EC16	0.2	5.2	0.7	1.4	9.1	193	1.21
1C	25	EC25	0.2	6.4	0.9	1.4	10.7	298	0.78
1C	35	EC35	0.2	7.5	0.9	1.4	11.8	388	0.554
1C	50	EC50	0.2	9.4	1	1.4	13.9	548	0.386
1C	70	EC70	0.2	11.2	1.1	1.4	15.9	762	0.272
1C	95	EC95	0.2	12.5	1.1	1.5	17.4	972	0.206
1C	120	EC120	0.2	13.6	1.2	1.5	18.7	1205	0.161
1C	150	EC150	0.3	15.6	1.4	1.6	21.3	1527	0.129
1C	185	EC185	0.3	16.8	1.6	1.6	22.9	1849	0.106
1C	240	EC240	0.3	19.3	1.7	1.7	25.8	2396	0.0801
1C	300	EC300	0.3	21.8	1.8	1.8	28.7	2983	0.0641
1C	400	EC400	0.4	25	2	1.9	32.5	3930	0.0486
1C	500	EC500	0.4	28.4	2.2	2	36.5	5223	0.0384
1C	630	EC630	0.4	32.2	2.4	2.2	41.1	6588	0.0287

* 6mm² - 300mm² Class 6 conductor, 400mm² - 630mm² Class 5 conductor

** For Current Ratings, use Table 4E1A in BS7671

