

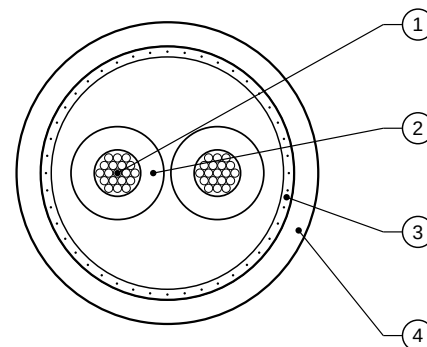
Extra-Flexible Multicore Silicone Cable

SERIES TECHNICAL DATA

CONSTRUCTION & TECHNICAL DATA

Number of cores	2, 3, 4 or 6; see size table
Conductor material	Fine-stranded tinned copper.
Conductor class	IEC 60228 Class 6.
Individual strand diameter	0.08 mm.
Core insulation	Silicone rubber.
Core identification	Coloured cores; identification to order specification.
Inner wrapping	Tissue-paper cushioning wrap.
Outer sheath	Silicone rubber.
Sheath colour options	Black RAL 9005; blue RAL 5005; grey RAL 7001; red RAL 3000. Specify the required colour in your enquiry.
Rated voltage	300/500 V; 600 V version available. Confirm the voltage version with your quotation.
Test voltage	Confirm for the selected voltage version.
Installation	Fixed installation or occasional free movement without imposed force or a prescribed movement direction.
Minimum bend radius - fixed	6 × finished cable outside diameter.
Temperature - continuous	-60°C to +180°C.
Temperature - short duration	Up to +200°C; confirm the exposure duration for your installation.
Installation environment	Dry or damp indoor locations; outdoor use subject to installation conditions. Not for direct burial.
Ventilation	Provide appropriate ventilation when used above +100°C.

CONSTRUCTION SECTION



1. Stranded tinned-copper conductors
2. Silicone rubber core insulation
3. Cushioning paper wrap
4. Silicone rubber outer sheath

Representative section, not to scale. Strand count and packing, core positions and layer proportions are schematic.

SIZE SPECIFICATIONS

Cores	Size / core	Nominal OD (mm)	Reference weight (kg/km)	Construction / variant
2	0.5 mm ²	6.2	68	-
2	0.75 mm ²	6.8	82	-
2	1 mm ²	7.3	96	-
2	1.5 mm ²	8.2	124	-
2	2.5 mm ²	9.6	172	-
2	4 mm ²	11.4	245	-
3	0.5 mm ²	6.6	80	300/500 V

Cores	Size / core	Nominal OD (mm)	Reference weight (kg/km)	Construction / variant
3	0.75 mm ²	7.3	99	300/500 V
3	1 mm ²	7.8	118	300/500 V
3	1.5 mm ²	8.8	154	300/500 V
3	2.5 mm ²	10.4	218	300/500 V
3	4 mm ²	12.3	310	300/500 V
4	0.5 mm ²	7.2	96	-
4	0.75 mm ²	7.9	120	-
4	1 mm ²	8.5	144	-
4	1.5 mm ²	9.7	188	-
4	2.5 mm ²	11.4	270	-
4	4 mm ²	13.6	388	-
6	0.5 mm ²	8.7	130	-
6	1 mm ²	10	194	-
6	1.5 mm ²	11.4	254	-

Dimensions and weights are reference values. Final construction, tolerances, ratings, colours and supply requirements are subject to the agreed order specification.

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