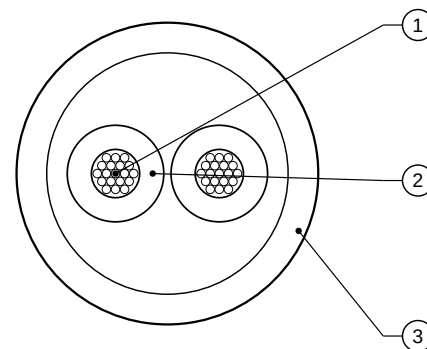


Tear-Resistant Silicone Control Cable

CONSTRUCTION & TECHNICAL DATA

Conductor	Class 5 fine-stranded tinned copper
Core insulation	Tear- and notch-resistant silicone compound
Core assembly / covering	Cores twisted together
Mechanical properties	Tear- and notch-resistant silicone compound
Outer sheath	Tear- and notch-resistant silicone compound
Sheath colour	Black
Rated voltage U0/U	300/500 V
Test voltage	2,000 V
Temperature range	-60°C to +180°C; adequate ventilation required
Fixed bend radius	4 × outside diameter
Occasional-flex bend radius	15 × outside diameter
Ventilation	Ensure adequate ventilation above +100°C.
Dimensional basis	Outside diameters are nominal. Listed weights are reference values. Tolerances require confirmation.
Protective conductor	G: green/yellow protective core included. X: no green/yellow core.

CONSTRUCTION SECTION



1. Class 5 stranded tinned-copper conductors
2. EWKF silicone core insulation
3. EWKF silicone 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	0.75 mm ²	6.4	49	2X0.75; no green/yellow core
3	0.75 mm ²	6.9	60	3G0.75; green/yellow protective core
4	0.75 mm ²	7.6	76	4G0.75; green/yellow protective core
5	0.75 mm ²	8.5	96	5G0.75; green/yellow protective core
2	1.0 mm ²	6.8	56	2X1.0; no green/yellow core
3	1.0 mm ²	7.1	68	3G1.0; green/yellow protective core
4	1.0 mm ²	7.9	88	4G1.0; green/yellow protective core
5	1.0 mm ²	8.8	110	5G1.0; green/yellow protective core
7	1.0 mm ²	9.5	137	7G1.0; green/yellow protective core
2	1.5 mm ²	8	77	2X1.5; no green/yellow core
3	1.5 mm ²	8.4	94	3G1.5; green/yellow protective core
4	1.5 mm ²	9.5	117	4G1.5; green/yellow protective core
5	1.5 mm ²	10.4	143	5G1.5; green/yellow protective core
7	1.5 mm ²	11	180	7G1.5; green/yellow protective core

Cores	Size / core	Nominal OD (mm)	Reference weight (kg/km)	Construction / variant
12	1.5 mm ²	14.9	319	12G1.5; green/yellow protective core
16	1.5 mm ²	17.1	424	16G1.5; green/yellow protective core
24	1.5 mm ²	21	637	24G1.5; green/yellow protective core
2	2.5 mm ²	9.4	110	2X2.5; no green/yellow core
3	2.5 mm ²	9.8	146	3G2.5; green/yellow protective core
4	2.5 mm ²	11.1	181	4G2.5; green/yellow protective core
5	2.5 mm ²	11.9	222	5G2.5; green/yellow protective core
3	4.0 mm ²	11.5	213	3G4.0; green/yellow protective core
4	4.0 mm ²	12.5	267	4G4.0; green/yellow protective core
5	4.0 mm ²	13.9	334	5G4.0; green/yellow protective core
3	6.0 mm ²	13.2	297	3G6.0; green/yellow protective core
4	6.0 mm ²	14.7	381	4G6.0; green/yellow protective core
5	6.0 mm ²	16.5	481	5G6.0; green/yellow protective core

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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