

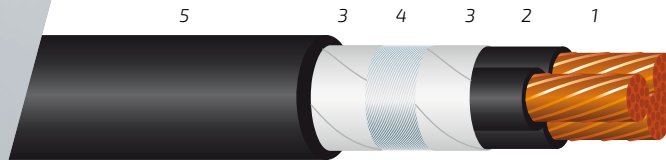
Number of cycles
5 million
bending & torsion

Bending radius
10 x ϕ

- 1 • Extra-flexible bare copper core - class 6 as per IEC 60228.
- 2 • Special polymer insulation
- 3 • Snag-proof tape
- 4 • Shielding by covering in tin-plated copper
- 5 • Polyurethane sheath

HIFLEX®

TF5 BE CONTROL



Applications

Extra-flexible electrical cable for electrical power supply and instrumentation & control of moving devices. Especially designed for use in bending and torsion

Options

- Tin-plated copper core
- Other colours: contact us
- Other nominal cross-sections: contact us

General characteristics

Thermal

Continuous operating temperatures: -20°C to +90°C

Electrical

Operating voltage: 300 / 500 V

Test voltage: 2000 V

Mechanical strength

as per test report CGP DEP2010003-TF5-BE

Bending fatigue: 5 million cycles

Dynamic bending radius: 10 x ϕ

Good mechanical strength

Chemical

Good resistance to common chemical environments

Stranding* (mm ²)	Nominal outside diameter (mm)	Approximate weight (kg/km)
2 x 0.5	5.1	36
3 x 0.5	5.2	42
4 x 0.5	5.6	51
7 x 0.5	6.9	78
12 x 0.5	8.0	116
18 x 0.5	9.4	168
25 x 0.5	10.9	222
2 x 0.75	5.5	43
3 x 0.75	5.7	53
4 x 0.75	6.1	65
7 x 0.75	7.6	102
12 x 0.75	8.9	156
25 x 0.75	12.4	309

*for other stranding combinations, please contact us

For this product, please contact:

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