

Number of cycles
5 million

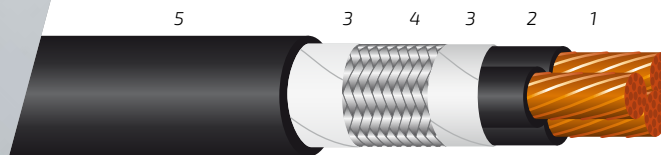
in cable carrier chains

Bending radius
10 x ϕ

- 1 • Extra-flexible bare copper core - class 6 as per IEC 60228.
- 2 • TPE insulation
- 3 • Snag-proof tape
- 4 • Tin-plated copper braid shield
- 5 • Polyurethane sheath

HIFLEX®

CH5 BE CONTROL



Applications

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

Options

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

General characteristics

Thermal

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

Electrical

Operating voltage: 300 / 500 V

Test voltage: 2000 V

Halogen free

as per IEC 60754-1

Mechanical strength

as per test report CGP DEP2008004-CH5-BE

Fatigue strength in cable carrier chains: 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	5.3	34
3 x 0.5	5.5	39
4 x 0.5	5.9	50
7 x 0.5	7.3	77
12 x 0.5	8.4	113
18 x 0.5	9.7	158
25 x 0.5	11.3	214
2 x 0.75	5.7	39
3 x 0.75	6.0	52
4 x 0.75	6.6	66
7 x 0.75	7.9	99
12 x 0.75	9.4	153
25 x 0.75	12.6	285

*for other stranding combinations, please contact us

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