

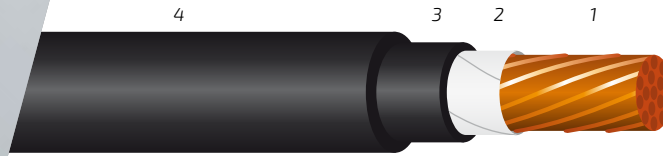
Number of cycles
5 million

in cable carrier chains

Bending radius
10 x ϕ

- 1 • Flexible bare copper core – Class 5 as per IEC 60228
- 2 • Snag-proof tape on core
- 3 • TPE insulation
- 4 • Polyurethane sheath

HIFLEX[®]
CH5 POWER



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

General characteristics

Thermal

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

Electrical

Operating voltage: 600 / 1000 V

Test voltage: 3000 V

Halogen free

as per IEC 60754-1

Mechanical strength

as per test report CGP DEP2008003-CH5

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)
1 x 6	6.3	82
1 x 10	7.6	127
1 x 16	9.2	194
1 x 25	10.8	286
1 x 35	12.0	387
1 x 50	13.7	543
1 x 70	16.6	753
1 x 95	19.0	1010

*for other stranding combinations, please contact us

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