

Number of cycles
2 million

in cable carrier chains

Bending radius
10 x ϕ

- 1 • Extra-flexible bare copper core - class 6 as per IEC 60228.
- 2 • PVC insulation
- 3 • Snag-proof tape
- 4 • Extra-flexible PVC jacket

HIFLEX®

CH2 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

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 DEP2008001-CH2

Fatigue strength in cable carrier chains: 2 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 0.75	5.7	47
3 x 0.75	6.0	57
5 x 0.75	7.1	85
7 x 0.75	8.4	119
12 x 0.75	10.1	182
14 x 0.75	10.6	205
18 x 0.75	11.8	258
25 x 0.75	14.2	368
2 x 1	6.2	58
3 x 1	6.5	70
4 x 1	7.1	86
5 x 1	7.7	104
7 x 1	9.1	145
12 x 1	11.0	226
18 x 1	12.9	323
20 x 1	13.6	358
25 x 1	15.5	458
40 x 1	18.8	699
3 x 1.5	7.6	98
4 x 1.5	8.4	124
5 x 1.5	9.2	151
7 x 1.5	10.8	209
12 x 1.5	13.2	331
18 x 1.5	15.6	476
20 x 1.5	16.4	527
25 x 1.5	18.8	678

*for other stranding combinations, please contact us

For this product, please contact:

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