

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 • Polyurethane sheath

HIFLEX®

CH5 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

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)
2 x 0.75	5.0	34
3 x 0.75	5.3	43
5 x 0.75	6.3	66
7 x 0.75	7.2	89
12 x 0.75	8.5	137
14 x 0.75	8.9	156
18 x 0.75	9.9	197
25 x 0.75	11.7	274
2 x 1	5.4	42
3 x 1	5.7	53
4 x 1	6.3	67
5 x 1	6.8	81
7 x 1	7.9	111
12 x 1	9.5	177
18 x 1	10.9	251
20 x 1	11.5	279
25 x 1	13.1	354
40 x 1	15.8	544
3 x 1.5	6.5	73
4 x 1.5	7.1	93
5 x 1.5	7.6	111
7 x 1.5	8.8	153
12 x 1.5	10.7	246
18 x 1.5	12.6	359
20 x 1.5	13.2	396
25 x 1.5	14.9	499

*for other stranding combinations, please contact us

For this product, please contact:

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