

**Number of cycles**  
**5 million**  
in alternate bending

**Bending radius**  
**10 x  $\phi$**

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

# HIFLEX®

## FX5 CONTROL



### Applications

Extra-flexible electrical cable for electrical power supply and instrumentation & control of moving devices.

### Options

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

### 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-FX5

Bending fatigue: 5 million cycles

Dynamic bending radius: 10 x  $\phi$

Good mechanical strength

#### Chemical

Good resistance to common chemical environments

Stranding* (mm <sup>2</sup> )	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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