CABLES FOR ROBOTICS & AUTOMATION

### CABLE CARRIER CHAINS MULTI-CORE INSTRUMENTATION & CONTROL CABLES

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# Number of cycles 2 million

in cable carrier chains

# Bending radius 10 x ø

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



# **General characteristics**

#### Thermal

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

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Electrical

**Operating voltage: 300 / 500 V** Test voltage: 2000 V

## Mechanical strength

as per test report CCP DEP2008001-CH2 Fatigue strength in cable carrier chains: 2 million cycles Dynamic bending radius: 10 x ø Good mechanical strength

#### Chemical

Good resistance to common chemical environments

#### **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

For this product, please contact:

Nominal outside Approximate diameter weight Stranding<sup>\*</sup> (mm²) (mm) (kg/km) 47 5.7 2 x 0.75 3 x 0.75 6.0 57 5 x 0.75 7.1 85 7 x 0.75 8.4 119 12 x 0.75 182 10.1 14 x 0.75 10.6 205 18 x 0.75 11.8 258 25 x 0.75 14.7 368 2 x 1 6.2 58 6.5 70 3 x 1 4 x 1 7.1 86 104 5 x 1 7.7 7 x 1 9.1 145 226 12 x 1 11.0 18 x 1 17.9 373 20 x 1 13.6 358 25 x 1 15.5 458 40 x 1 18.8 699 3 x 1.5 98 7.6 124 4 x 1.5 8.4 9.2 5 x 1.5 151 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 16.4 527 678 25 x 1.5 18.8

\*for other stranding combinations, please contact us



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