



CONTACT

Market information
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Servo cables according to DANAHER standard for dynamic applications, PUR jacket, shielded, resistant to oils, flame retardant, halogen free

STANDARDS

Product UL and CSA approval

Power
Rated voltage:

1000 V

Conductors:

Bare copper

Insulation material:

Polyolefin

Core identification:
 (Black num. 1+3 + Green/Yellow)

Round cables

The conductors must be twisted with filler, if necessary, under tape

Shield:
 Tinned copper braid covering > 85%

Binder tape:
 Textile no textile

Jacket:

PUR

Colour:
 ORANGE RAL 2003 (-A3)

BLACK (N3)

CHARACTERISTICS

Construction characteristics

Construction type	-
Conductor material	Bare copper
Insulation	Polyolefin
Insulation colour	Black num. 1-3 + Green/Yellow



Halogen free
 Yes



Operating temp.
 -30 ... 80 °C



Storage temperature, range
 -40 ... 80 °C



Oil resistance
 EN 50363-10-2



Flame retardant
 IEC/EN 60332-1-2; FT1; UL 1581 FT1

Construction characteristics

Lay Up	Power cores stranded with filler
Taping	Non hygroscopic tape
Shielding	≥85% tinned copper braid coverage
Outer sheath	PUR
Sheath colour	Orange RAL 2003
Halogen free	Yes

Dimensional characteristics

Nominal outer diameter	- mm
Copper content	- kg/km
Approximate weight	- kg/km

Electrical characteristics

Rated Voltage U ₀ /U	0.6/1 kV
Test voltage	3000 V

Mechanical characteristics

Maximum acceleration	20 m/s ²
Bending cycles	10 Mio.
Speed	220 m/min

Usage characteristics

Field of application	Dynamic
Minimum dynamic operating bending radius	- (xD)
Operating temperature, range	-30 ... 80 °C
Storage temperature, range	-40 ... 80 °C
Oil resistance	EN 50363-10-2
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1



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