



For dynamic application, demanding environmental conditions MOTIONLINE® ADVANCED

### STANDARDS

**Product** UL and CSA approval

For dynamic application, demanding environmental conditions; PUR Jacket; resistant to oils and coolants, notch resistant, flame retardant, resistant to hydrolysis and microbes, PVC- and halogen-free.

**Reference:** 48216515

### CONTACT

Market information  
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Halogen free  
**Yes**



Operating temp.  
 -20 ... 80 °C



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



Flame retardant  
 IEC 60332-2; FT2



Oil resistance  
 DIN EN 50363-10-2 & DIN EN 60811-404

**CHARACTERISTICS****Construction characteristics**

Construction type	2 x 2.50
Conductor material	Tinned copper
Insulation	TPM
Insulation colour	Brown-Blue
Outer sheath	PUR
Sheath colour	Black
Halogen free	Yes

**Dimensional characteristics**

Copper content	48 kg/km
Approximate weight	76 kg/km

**Electrical characteristics**

Rated Voltage U <sub>0</sub> /U	90 V
Test voltage	1500 V

**Mechanical characteristics**

Bending cycles	5 Mio.
Speed	180 m/min
Maximum acceleration	20 m/s <sup>2</sup>

**Usage characteristics**

Field of application	Dynamic
Minimum dynamic operating bending radius	6 (xD)
Operating temperature, range	-20 ... 80 °C
Storage temperature, range	-40 ... 80 °C
Flame retardant	IEC 60332-2; FT2
Oil resistance	DIN EN 50363-10-2 & DIN EN 60811-404