



**Reference:** 13-EBWA4X01R-N2  
**Country Ref.:** 13-EBWA4X01R-N2

**CONTACT**

Market information  
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Power single core oil resistant shielded cables, UL/CSA approved, for dynamic laying

**STANDARDS**

**Product** UL and CSA approval

Power single core oil-resistant shielded cables, UL-CSA approved, for dynamic laying

**Normative Reference**

UL recognised / CSA Approval

AWM 80°C - 1000V  
 AWM 80°C - 1000V FT1

**Flame Retardant:**

IEC 60332-1-2

FT1

UL 1581

EN 50265-2-1

**Oil Resistance:**

IEC 50363-4-1



Operating temp.  
 -25 ... 80 °C



Storage temperature, range  
 -30 ... 80 °C



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



Oil resistance  
 EN 50363-4-1

**CHARACTERISTICS****Construction characteristics**

Construction type	1x120
Conductor material	Bare copper
Insulation	PVC
Shielding	80% tinned copper braid coverage
Outer sheath	PVC
Sheath colour	Black

**Dimensional characteristics**

Conductor cross-section	120 mm <sup>2</sup>
Nominal outer diameter	25.4 mm
Approximate weight	1671 kg/km
Copper content	1270 kg/km

**Electrical characteristics**

Rated Voltage U <sub>0</sub> /U	1000 V
Test voltage	4000 V

**Mechanical characteristics**

Maximum acceleration	10 m/s <sup>2</sup>
Speed	180 m/min
Minimum bending cycles	5 Mio.

**Usage characteristics**

Field of application	Dynamic
Minimum dynamic operating bending radius	10 (xD)
Operating temperature, range	-25 ... 80 °C
Storage temperature, range	-30 ... 80 °C
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1
Oil resistance	EN 50363-4-1

**SELLING AND DELIVERY INFORMATION**

Available also in Yellow/green