



Resolver cables for dynamic application, PVC jacket, shielded, oil resistant, flame retardant

**STANDARDS**

**Product** UL and CSA approval

**Normative references**

Type Approval UL/CSA  
 AWM 80°C -30V  
 AWM 75°C - 30V FT1

**Reference:** 13-MHF22P09R-V1

**Country Ref.:** 13-MHF22P09R-V1

**CONTACT**

Market information  
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**CHARACTERISTICS**

**Construction characteristics**

Construction type	(9x(2x0.34)C)C
Conductor material	Tinned copper
Insulation	Polyethylene
Insulation colour	TAB CP2
Individual screen	Tinned copper braid
Individual sheath	PVC
Shielding	≥85% tinned copper braid coverage
Outer sheath	PVC
Sheath colour	Green RAL 6018

**Dimensional characteristics**

Nominal outer diameter	15.5 mm
Copper content	183 kg/km



Operating temp.  
 -10 ... 80 °C



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



Oil resistance  
 EN 50363-4-1



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

Dimensional characteristics	
Approximate weight	329 kg/km
Electrical characteristics	
Rated Voltage Uo/U	300 V
Test voltage	1500 V
Mechanical characteristics	
Maximum acceleration	10 m/s <sup>2</sup>
Bending cycles	2.5 Mio.
Speed	180 m/min
Usage characteristics	
Field of application	Dynamic
Minimum dynamic operating bending radius	10 (xD)
Operating temperature, range	-10 ... 80 °C
Storage temperature, range	-40 ... 80 °C
Oil resistance	EN 50363-4-1
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1



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