



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-MHF24P09R-V1  
**Country Ref.:** 13-MHF24P09R-V1

**CONTACT**

Market information  
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**CHARACTERISTICS**

**Construction characteristics**

Construction type	(9x(2x0.25)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	14.5 mm
Copper content	153 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 304 kg/km

**Electrical characteristics**

Rated Voltage U<sub>0</sub>/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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