



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-MHF24P03R-V1
Country Ref.: 13-MHF24P03R-V1

CONTACT

Market information
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CHARACTERISTICS

Construction characteristics

Construction type	(3x(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	8.7 mm
Copper content	65 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 113 kg/km

Electrical characteristics

Rated Voltage U₀/U 300 V

Test voltage 1500 V

Mechanical characteristics

Maximum acceleration 10 m/s²

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

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