



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-MHF22P05R-V1

Country Ref.: 13-MHF22P05R-V1

CONTACT

Market information
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CHARACTERISTICS

Construction characteristics

Construction type	(5x(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	11.2 mm
Copper content	112 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	203 kg/km
Electrical characteristics	
Rated Voltage U ₀ /U	300 V
Test voltage	1500 V
Mechanical characteristics	
Maximum acceleration	10 m/s ²
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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