



CONTACT

Market information
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resolver cables for extremely dynamic applications, PUR jacket, shielded, oil resistant, flame retardant, halogen free

STANDARDS

Product UL and CSA approval

TYPE APPROVAL UL/CSA

AWM 80°C -30V
 AWM 75°C - 30V FT1

Oil Resistance:

VDE 0472 p. 803 A7B (04 1986);

UL 1581 VDE 0282 part 10;

HD 22.10 S1

Note : Cables can be supplied in "non-halogen" version

CHARACTERISTICS

Construction characteristics

Conductor material	Tinned copper
Insulation	PVC
Insulation colour	TAB CP2
Individual screen	Tinned copper braid
Individual sheath	PVC
Shielding	≥85% tinned copper braid coverage
Outer sheath	PUR
Sheath colour	Green RAL 6018
Halogen free	Yes

Electrical characteristics

Rated Voltage U _o /U	300 V
Test voltage	1500 V



Halogen free
Yes



Operating temp.
-30 ... 80 °C



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



Oil resistance
EN 50363-10-2



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

Mechanical characteristics

Maximum acceleration	20 m/s ²
Bending cycles	10 Mio.
Speed	240 m/min

Usage characteristics

Field of application	Dynamic
Minimum dynamic operating bending radius	7.5 (xD)
Operating temperature, range	-30 ... 80 °C
Storage temperature, range	-40 ... 80 °C
Oil resistance	EN 50363-10-2
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1

PRODUCT LIST

Reference	Country Ref.	Name	Construction type	Nominal outer diameter [mm]	Copper content [kg/km]
13-MHM24P03P-V1	13-MHM24P03P-V1	RESOLVER PUR [3x(2x0,25 C)] C	(3x(2x0.25)C)C	9.0	72
10554304	13-MHM24P04P-V1	RESOLVER PUR [4x(2x0,25 C)] C	(4x(2x0.25)C)C	10.0	86
10554306	13-MHM24P05P-V1	RESOLVER PUR [5x(2x0,25 C)] C	(5x(2x0.25)C)C	10.8	96
13-MHM24P06P-V1	13-MHM24P06P-V1	RESOLVER PUR [6x(2x0,25 C)] C	(6x(2x0.25)C)C	11.5	111
13-MHM24P09P-V1	13-MHM24P09P-V1	RESOLVER PUR [9x(2x0,25 C)] C	(9x(2x0.25)C)C	14.4	153
13-MHM22P03P-V1	13-MHM22P03P-V1	RESOLVER PUR [3x(2x0,34 C)] C	(3x(2x0.34)C)C	9.5	76
10553640	13-MHM22P04P-V1	RESOLVER PUR [4x(2x0,34 C)] C	(4x(2x0.34)C)C	10.6	98
13-MHM22P05P-V1	13-MHM22P05P-V1	RESOLVER PUR [5x(2x0,34 C)] C	(5x(2x0.34)C)C	11.2	112
13-MHM22P06P-V1	13-MHM22P06P-V1	RESOLVER PUR [6x(2x0,34 C)] C	(6x(2x0.34)C)C	12.1	131
13-MHM22P09P-V1	13-MHM22P09P-V1	RESOLVER PUR [9x(2x0,34 C)] C	(9x(2x0.34)C)C	15.2	183

= Make to order, = In stock,



Halogen free
Yes



Operating temp.
-30 ... 80 °C



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



Oil resistance
EN 50363-10-2



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