



Measuring systems cables according to BOSCH REXROTH standard for dynamic applications, PVC jacket, shielded, resistant to oils, flame retardant

## STANDARDS

**Product** UL and CSA approval

### Normative Reference

**UL Recognized / CSA**

AWM 80°C - 300V

AWM 75°C - 300V FT1

### **Oil Resistance:**

EN 50363-4-1

### **Flame Retardant**

IEC 60332-1-2

FT1

UL 1581

EN 50265-2-1

## CONTACT

Market information  
[industryprojects.business@lynxéogroup.com](mailto:industryprojects.business@lynxéogroup.com)

## CHARACTERISTICS

### Construction characteristics

Conductor material	Stranded tinned copper
Insulation	Polyolefin
Insulation colour	See Tab
Lay Up	Please request detailed data sheet
Taping	Soft tape
Shielding	≥85% tinned copper braid coverage
Outer sheath	PVC
Sheath colour	Orange RAL 2003

### Electrical characteristics

Rated Voltage U <sub>o</sub> /U	300 V
Test voltage	1500 V

### Mechanical characteristics

Maximum acceleration	10 m/s <sup>2</sup>
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Operating temp.  
-20 ... 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

### Mechanical characteristics

Bending cycles	5 Mio.
Speed	180 m/min

### Usage characteristics

Field of application	Dynamic
Minimum dynamic operating bending radius	10 (xD)
Operating temperature, range	-20 ... 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

## PRODUCT LIST

Reference	Country Ref.	Name	Construction type	Nominal outer diameter [mm]	Copper content [kg/km]
10554387	13-MYI17Z10R-A1	13-MYI (4x2x0,25+2x1)C	(4x2x0.25+2x1)C	8.8	74
13-MYI21Z10R-A1	13-MYI21Z10R-A1	13-MYI (4x2x0,25+2x0,50)C	(4x2x0.25+2x0.5)C	8.5	70
13-MYI21X09R-A1	13-MYI21X09R-A1	13-MYI (9x0,50)C	(9x0.5)C	8.8	75
13-MYI17Z16R-A1	13-MYI17Z16R-A1	13-MYI (4x1+4x(2x0,14)C+4x0,14)C	(4x1+4x(2x0.14)C+4x0.14)C	9.5	91
13-MYI17Z11R	13-MYI17Z11R	13-MYI (2x1+3x(2x0,25)+3x0,25)C	(2x1+3x(2x0.25)C+3x0.25)C	9.2	77

= Make to order, = In stock,



Operating temp.  
-20 ... 80 °C



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



Oil resistance  
EN 50363-4-1



Flame retardant  
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