



Measuring systems cables according to SIEMENS standard 6FX5008 for dynamic applications, PVC jacket, shielded, resistant to oils, flame retardant

## STANDARDS

**Product** UL and CSA approval

### Normative References

**UL Recognized / CSA**

AWM 80°C - 30V

AWM 80°C - 30V FT1

**Refrigerant oil resistance:**

CNOMO E.03.40.150N: NFT 46-013

**Oil resistance:**

IEC 50363-4-1

**Flame retardant:**

IEC 60332-1-2

FT1

UL1581

EN 50265-2-1

## CONTACT

Market information  
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Operating temp.  
-15 ... 80 °C



Storage temperature, range  
-20 ... 80 °C



Oil resistance  
EN 50363-4-1



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

## CHARACTERISTICS

### Construction characteristics

Conductor material	Tinned copper
Insulation	Polyolefin
Insulation colour	See Tab
Lay Up	Please request detailed data sheet
Taping	Non woven tape
Shielding	≥85% tinned copper braid coverage
Outer sheath	PVC
Sheath colour	Green RAL 6018

### Electrical characteristics

Rated Voltage Uo/U	30 V
Test voltage	500 V

### Mechanical characteristics

Maximum acceleration	5 m/s <sup>2</sup>
Bending cycles	1 Mio.
Speed	180 m/min



### Usage characteristics



Field of application	Dynamic
Minimum dynamic operating bending radius	10 (xD)
Operating temperature, range	-15 ... 80 °C
Storage temperature, range	-20 ... 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]
10553609	13-MBS21Z12R-V1	13-MBS ((4x2x0,34) C +4x0,50)C	((4x2x0.34)C + 4x0.50)C	8.9	78
13-MBS25P08R-V1	13-MBS25P08R-V1	13-MBS (8x2x0.18) C	(8x2x0.18) C	7.8	55
10554351	13-MYS21Z08R-V5	13-MYS (3x (2x0.14)D +(2x0.5)D) C	(3x(2x0.14)D+(2x0.5)D)C	8.7	64
10554357	13-MYS21Z12R-V1	13-MYS (3x2x0.14) C+4x0.14 +2x0.5)C	((3x2x0.14)C+4x0.14+2x0.5)C	8.9	65

= Make to order, = In stock,

Reference	Country Ref.	Name	Construction type	Nominal outer diameter [mm]	Copper content [kg/km]
 10554363	13-MYS21Z16R-V1	13-MYS ((3x2x0.14 )C+2x0.5 +4x0.14 +4x0.22)	((3x2x0.14)C+2x0.50+4x0.14+4x0.22)C	9.5	75
 13-MYS24X12R	13-MYS24X12R	13-MYS (12x0.22) C	(12x0.22)C	7.5	49

 = Make to order,  = In stock,