



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

**UL Recognized / CSA**

UL AWM 80°C 30V  
CSA AWM I/II A/B 75°C 30V

**Oil resistance:**

EN 60811-1-1, EN 60811-2-1

**Flame retardant:**

IEC 60332-1, CSA FT1, UL VW-1, EN 50265-2-1

### CONTACT

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



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



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

## CHARACTERISTICS

### Construction characteristics

Conductor material	Tinned copper
Insulation	Polyolefin
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 U <sub>o</sub> /U	30 V
Test voltage	500 V

### Mechanical characteristics

Maximum acceleration	5 m/s <sup>2</sup>
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
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
☎ 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
📦 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

☎ = Make to order, 📦 = In stock,