



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

**Reference:** 10553609

**Country Ref.:** 13-MBS21Z12R-V1

**EAN 13:** 8054803112769

### 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**

Construction type	((4x2x0.34)C + 4x0.50)C
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

**Dimensional characteristics**

Nominal outer diameter	8.9 mm
Copper content	78 kg/km
Approximate weight	110 kg/km

**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>
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