



SCW-1M1M006-S1-F

1 mm (M) to 1 mm (M) Coaxial Cable, Flexible

Description:

Model SCW-1M1M006-S1-F is a 6" long, flexible coaxial cable with 1 mm male connectors that covers the frequency range of DC to 110 GHz. The coaxial cable has an impedance of 50 ohms. This coax cable is also offered with both male and female connectors under model number SCW-1M1F006-S1-F. Additionally, other lengths are offered under different model numbers.



Features:

- High Return Loss
- Low Insertion Loss
- Flexible

Applications:

- Test Lab
- Sub-assemblies

Electrical Specifications:

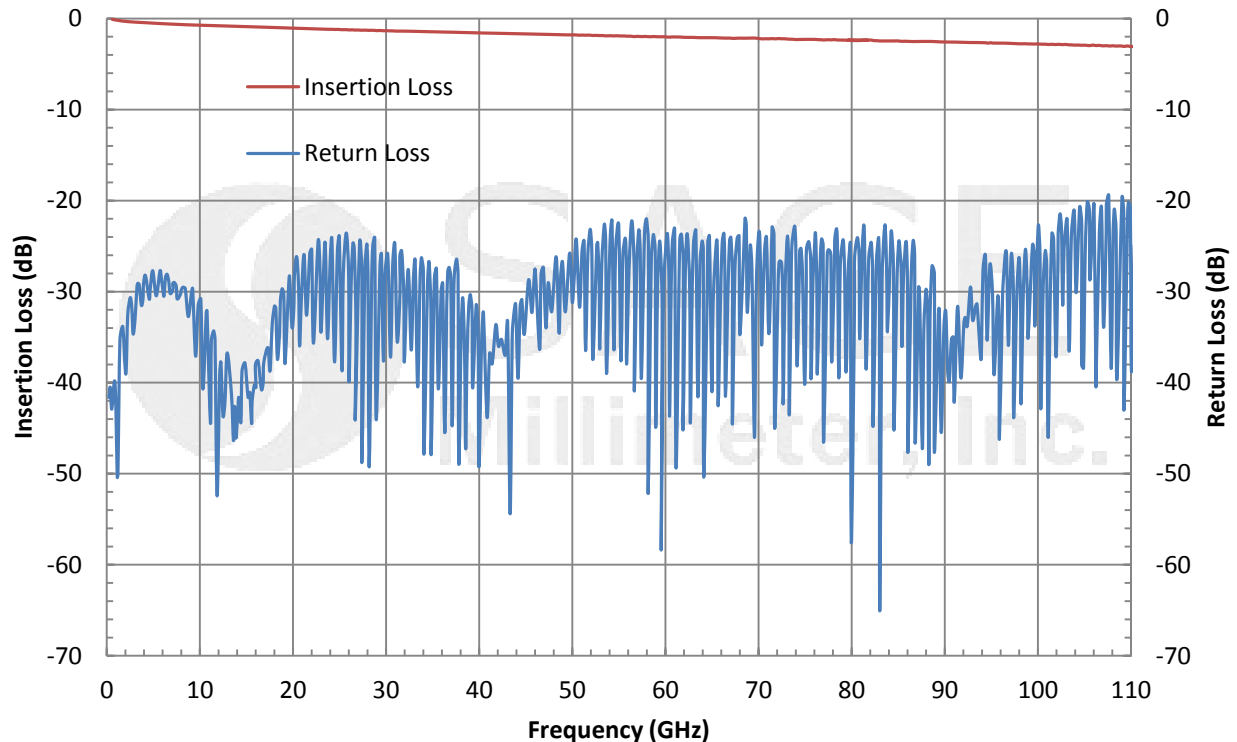
Parameter	Minimum	Typical	Maximum
Frequency Range	DC		110 GHz
Insertion Loss		2.5 dB	
VSWR		1.2:1	
Impedance		50 Ω	
Maximum Temperature	+55°C		+80°C

Mechanical Specifications:

Item	Specification
Minimum Bending Radius	0.201"
Connectors	1 mm Male
Connector Material	Passivated Stainless Steel
Cable Material	Fluorinated Ethylene Propylene (FEP)
Cable Outer Diameter	0.058"
Length	6"
Weight	0.15 Oz
Outline	CW-11-F7

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Typical Performance vs. Frequency



Mechanical Outline: (Unless otherwise specified, all dimensions are in inches)



Note:

- All data are presented by using a limited sample lot. Actual data may vary unit to unit.
- SAGE Millimeter, Inc. reserves the right to change the information presented without notice.

Caution:

- Proper torque, 4.0 ± 0.15 inch-pounds (0.45 ± 0.02 Nm), should be used. **SAGE Millimeter torque wrench, model SCH-06004-S1, is highly recommended.**

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