

## SMP (M) to SMA (M) Coaxial Cable, Flexible, 13", Right Angle

## Description:

**Model SCW-SMDF013-F1-R-WP** is a 13" long, flexible, right angle coaxial cable with SMP and SMA male connectors that covers the frequency range of DC to 12 GHz. The coaxial cable utilizes high performance material and a precision manufacturing process to guarantee superior microwave performance and mechanical durability. The impedance of the cable is 50 ohms. Other lengths are offered under different models.



## Features:

- High Return Loss
- Low Insertion Loss
- Flexible and Durable

## Applications:

- Test Lab
- Sub-assemblies

## Electrical Specifications:

Parameter	Minimum	Typical	Maximum
Frequency	DC		12 GHz
Insertion Loss @ 12 GHz		< 1.7 dB	
Return Loss	16 dB	19 dB	
Impedance		50 $\Omega$	
Specification Temperature		+25 °C	
Operating Temperature	-40 °C		+85 °C

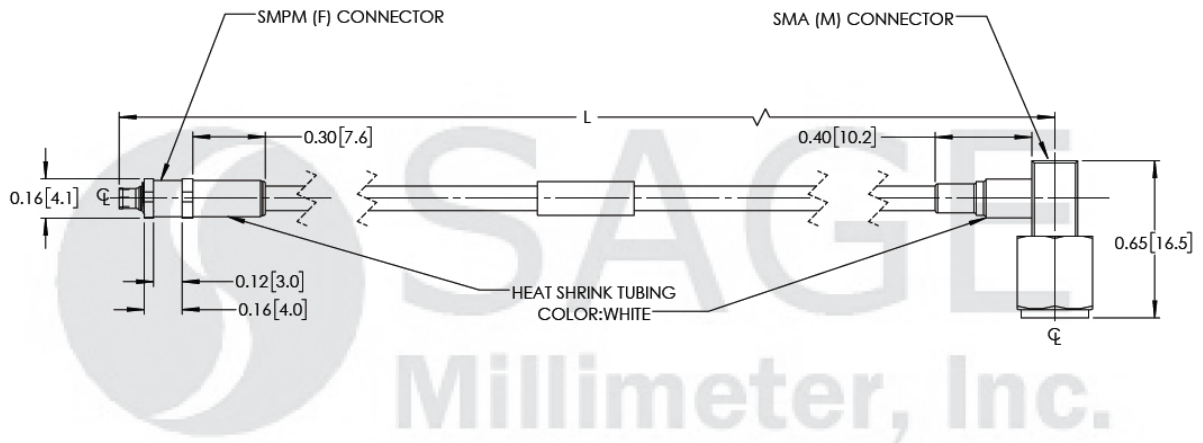
## Mechanical Specifications:

Item	Specification
Connector	SMPM/GPPO Jack
Termination Connector	SMA (M) Right Angle Connector
Connector Contact Material/Plating	Beryllium Copper
Cable Insulation Layer Material	PTFE
Jacket	FEP
Length	13"
Cable Outer Diameter	0.097"
Outline	CW-SD-F10-R1



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



**Note:**

- Length "L" can be customizable.
- SAGE Millimeter, Inc. reserves the right to change the information presented without notice.

**Caution:**

- Bending the cable sharply will either cause damage or degrade the performance of the cable.

