

Semi-Flexible Cable Assemblies

1.85 mm/SMPM for DC - 65 GHz, 2.92 mm/SMPM for DC - 40 GHz

DESCRIPTION

The Semi-Flexible Cable Assemblies are up to 40 and 65 GHz, and **easy to install** at your lab/site.

They are designed for broadband measurement, instrument, and system use.

All materials are **"lead free"**.

*SMPM: conforms to MIL-STD-348A

NOTICE 5 328.1. SMPM female interface

SPECIFICATIONS

Electrical:

See below table.

CABLE PROPERTIES

Outer Conductor	1.19 mm Diameter Tin-Soaked Copper Wire Braid
Center Conductor	Silver Plated Copper
Insulator	Solid PTFE
Moding Frequency	112 GHz (Approx.)
Delay Time	0.476 ns/100 mm
Inside Bending Radius	2 mm (min)
	"Non-Magnetic"



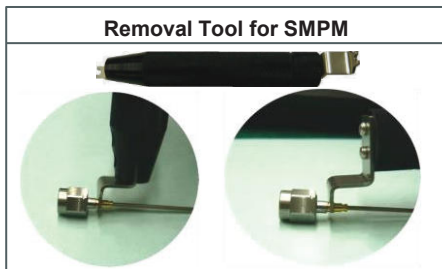
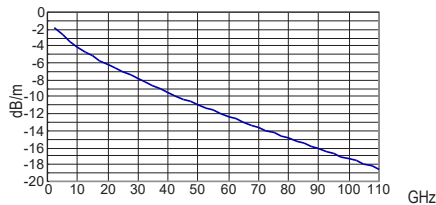
Production Status
2 Weeks Lead-Time
for Shipping

[**] Please specify length (L: □□□□ see following table) when you order this item.

For example: SFCA185MM0035 (Length: 35 mm)

SFCA185MM0035J (Length: 35 mm, with Jacket)

TYPE	Connector Interface	Frequency Range	Return Loss	Insertion Loss	Temperature Range	Length (L)	With Jacket	
SFCA185119FF □□□□ Female/Female	1.85 mm	DC-65 GHz (Within)	> 17 dB	See Fig. 1	-55 to +100 °C (-30 to +100 °C for Jacket Type)	35 to 150 mm +/-2 mm [**] Standard (Over 150 mm: Negotiable)	Available (UL Certified Heat Shrink Tube)	
SFCA185119MF □□□□ Male/Female								
SFCA185119MM □□□□ Male/Male								
SFCA292119FF □□□□ Female/Female	2.92 mm	DC-40 GHz (Within)						
SFCA292119MF □□□□ Male/Female								
SFCA292119MM □□□□ Male/Male								
SFCA292F119185F □□□□ Female/Female	2.92 mm /1.85 mm	DC-40 GHz (Between)						
SFCA292M119185F □□□□ Male/Female								
SFCA292F119185M □□□□ Female/Male								
SFCA292M119185M □□□□ Male/Male	1.85 mm /SMPM [1]	DC-65 GHz (Between)						
SFCA185F119SMPM □□□□ Female/Female								
SFCA185M119SMPM □□□□ Male/Female								
SFCA292F119SMPM □□□□ Female/Female	2.92 mm /SMPM [1]	DC-40 GHz (Between)						> 16 dB
SFCA292M119SMPM □□□□ Male/Female								

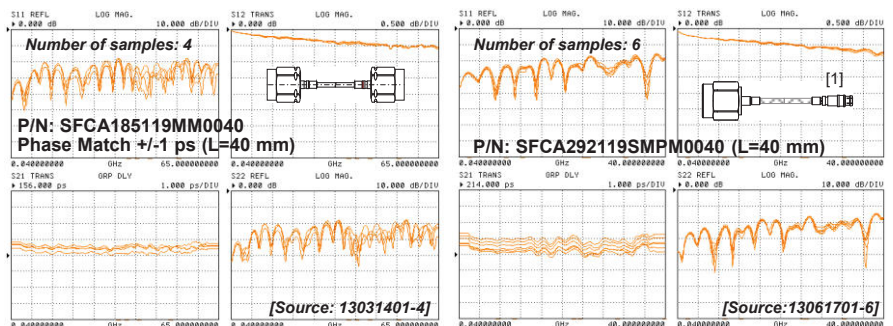


Specifications Subject to Change Without Notice

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ISO9001:14001 Certified

Typical Performance



Note [1]:
The measured values of insertion and return loss are included in the performance of the SMPM to 1.85 mm (or 2.92 mm) adaptor.

NOTE: All dimensions are in millimeters.

RoHS Compliant

REACH Compliant

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