

Semi-Flexible Cable Assemblies, up to 65GHz

Connector : SMPM

DESCRIPTION The **Semi-Flexible Cable Assemblies**, up to 65 GHz, **easy to install with** hand-form on your Labs./Sites, are designed for broadband measurement, instrument and system use. All materials are "lead free".

SPECIFICATIONS:

Insertion Loss : See Fig.1 [1]
 Return Loss : See following table
 Temperature Range : -55 to 100 deg.C
 (-30 to 100 deg.C for Jacketed type)
 Length (L) : 25 to 200mm +/-2mm [*]
 (Over 201mm to 1500mm, Considerable)
 With jacket : Available (UL certified heat shrink tube)
 Phase match (Option) : Available (+/- 2 ps or +/- 1 ps)

Connector Interfaces:
 - SMPM as per MIL-STD-348A 328.1
 - Matable with GPPO and Mini-SMP



[*] Please specify length(L: *nnnn* see following table), when you order this item.
 For example: **CA119SMPM0025 (Length:25 mm)**

- or -
CA119SMPM0025J (Length:25 mm, with Jacket)

Production Status
 Two weeks Lead-Time will be available for shipping.

Frequency Range	Type and Shape	Return Loss	Typical performance, including Coaxial adapters for SMPM
DC - 65GHz	<p>SFCA119SMPMnnnn</p>	<p>>20 dB, <18 GHz >13 dB, 18 to 48 GHz >11 dB, 48 to 65 GHz [1]</p>	
	<p>SFCA119SMPMnnnnJ</p>		

Note: All dimensions are in Millimeters.

Cable Properties:

- Outer Conductor: f1.19mm, Tin-soaked copper wire braid
- Center Conductor: Silver plated copper
- Insulator: Solid PTFE
- Moding Freq.: 112GHz(Approx.)
- Delay Time: 1.43ns/300mm
- Inside Bending Radius: 2 mm(min), as Jacket free
- Non-Magnetic

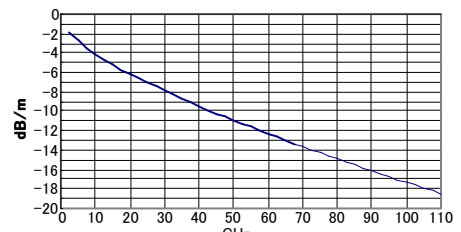


Fig.1 Insertion Loss of cable, Length=1000 mm

Removal Tool for SMPM



Specifications Subject to Change Without Notice.

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