Re-Formable Semirigid Cable Assemblies, Between

Connectors: 1.85 mm, 2.4 mm, 2.92 mm, and SMPM

DESCRIPTION

The Re-Formable Semirigid Cable Assemblies, Between, are up to 65 GHz and **easy to install with bending by hand** at your lab/site.
They are designed for broadband measurement, instrument, and system applications.

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

*SMPM: conforms to MIL-STD-348B 328.1

SPECIFICATIONS

Electrical:
See below table.

CABLE PROPERTIES

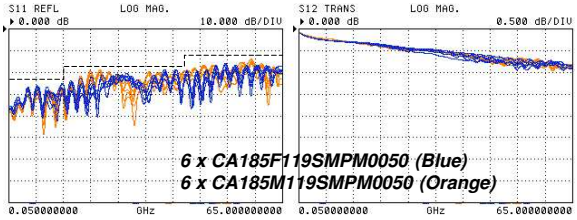
Outer Conductor	1.19 mm Diameter Copper with Cu/Sn/Zn Plated
Center Conductor	Silver Plated Copper
Insulator	PTFE
Moding Frequency	111 GHz (Approx.)
Delay Time	0.476 ns/100 mm
Inside Bending Radius	3 mm (min)
"Non-Magnetic"	

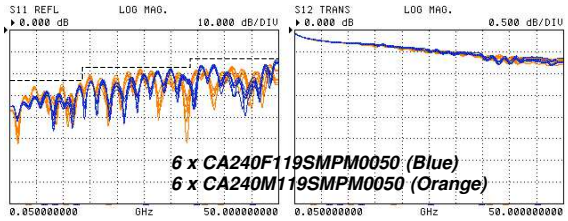
Production Status
2 Weeks Lead-Time for Shipping

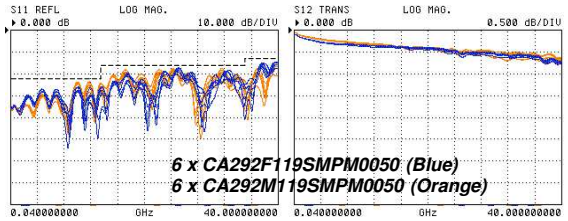
[*] Please specify length (L: □□□□ see following table) when you order this item.
For example: CA185F119SMPM0025 (Length: 25 mm)

TYPE	Connector Interface	Frequency Range	Return Loss	Insertion Loss	Temperature Range	Length (L)
CA185F119SMPM □□□□ *Female/SMPM Female*	1.85 mm /SMPM	DC-65 GHz	< 13 GHz: > 22 dB 13-48 GHz: > 16 dB 48-65 GHz: > 12 dB	See Fig. 1	-55 to +100 ˚C	25 to 300 mm +/-2 mm [*] (Over 300 mm: Negotiable)
CA185M119SMPM □□□□ *Male/SMPM Female*						
CA240F119SMPM □□□□ *Female/SMPM Female*	2.4 mm /SMPM	DC-50 GHz	< 13 GHz: > 22 dB 13-38 GHz: > 16 dB 38-50 GHz: > 13 dB			
CA240M119SMPM □□□□ *Male/SMPM Female*						
CA292F119SMPM □□□□ *Female/SMPM Female*	2.92 mm /SMPM	DC-40 GHz	< 13 GHz: > 22 dB 13-35 GHz: > 16 dB 35-40 GHz: > 13 dB			
CA292M119SMPM □□□□ *Male/SMPM Female*						

Typical Performance
including Coaxial Adapters for SMPM







RoHS Compliant **REACH Compliant**

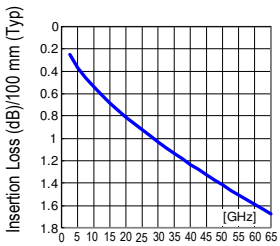
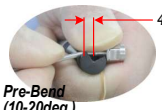


Fig.1 Frequency vs Insertion Loss

---CAUTION---
When you install the cable assembly, please support the section of the cable close to the connector with your fingers before tightening the nut.
This cable is composed of a thin copper tube and could be easily damaged by applying a twist stress.

Fig.2 Tightening the Nut

Hand Bender 1200
for Re-Forming (R3/6 mm)



CAUTION:
Bending of the cable using hand Bender 1200

In order to prevent any damage in the joint part of the cable and the connector, please bend the cable about 4 mm away from the joint part.

Removal Tool for SMPM

Specifications Subject to Change Without Notice

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