

Semi-Flexible Cable Assemblies, In-Series

Connector Interface 1 mm for DC - 110 GHz

DESCRIPTION

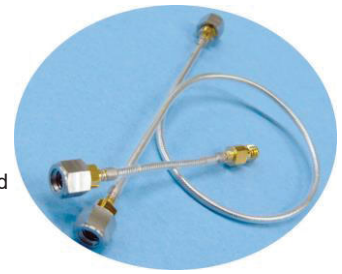
"SFCA100FF, MF, and MM" semi-flexible cable assemblies are up to 110 GHz and **easy to install in a narrow space with hand form** at your lab/site. They are designed for broadband measurement, instrument, and system use. All materials are **"lead free"**.

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
TBD

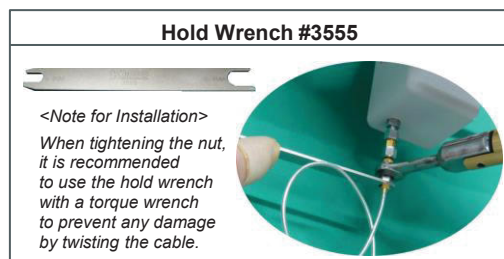
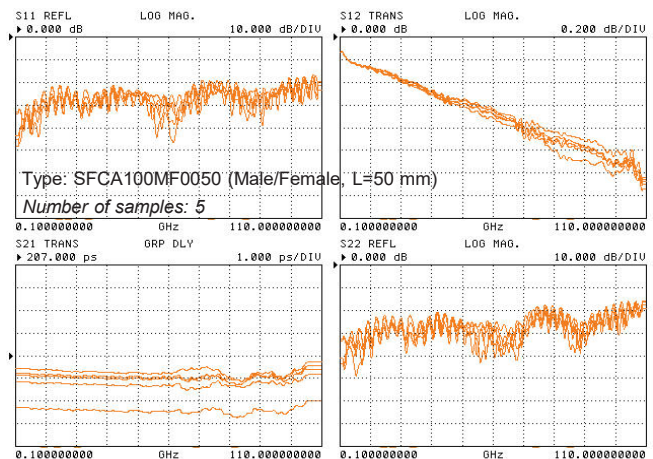
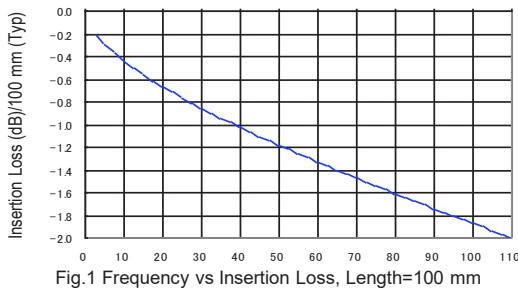
[*] Please specify length (L: □□□□ see following table) when you order this item.

For example: SFCA100MM0050 (Length: 50 mm)

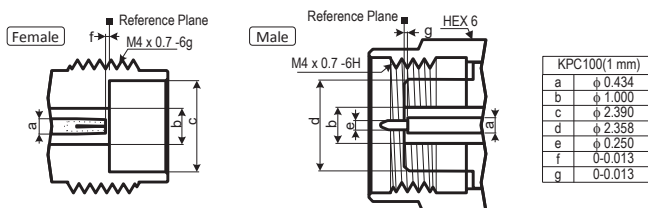
TYPE	Connector Interface	Frequency Range	Return Loss	Insertion Loss	Temperature Range	Length (L)
SFCA100FF □□□□ Female/Female	1 mm	DC-110 GHz	> 15 dB	See Fig. 1	-30 to +100 °C	30 to 150 mm +/-1 mm [*] (Over 150 mm: Negotiable)
SFCA100MF □□□□ Male/Female						
SFCA100MM □□□□ Male/Male						

(*) Jacket (UL certified heat shrink tube) for cable braid protection

Preliminary



Interface Mating Dimensions of KPC100 (1 mm Connectors)



RoHS Compliant

REACH Compliant

NOTE: All dimensions are in millimeters.

Specifications Subject to Change Without Notice

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KMCO
ISO9001:14001 Certified

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