

Re-Formable Semirigid Cable Assemblies, In-Series Connector Interface 1 mm for DC - 110 GHz

DESCRIPTION

"CA100FF, MF, and MM"

re-formable semirigid cable assemblies are up to 110 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**".

SPECIFICATIONS

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	112 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: CA100MM0035 (Length: 35 mm)

TYPE	Connector Interface	Frequency Range	Return Loss	Insertion Loss	Temperature Range	Length (L)
CA100FF □□□□ <i>Female/Female</i>	1 mm	DC-110 GHz	> 17 dB	See Fig.1	-55 to +100 °C	30 to 300 mm +/-1 mm [*] (Over 301 mm: Negotiable)
CA100MF □□□□ <i>Male/Female</i>						
CA100MM □□□□ <i>Male/Male</i>						

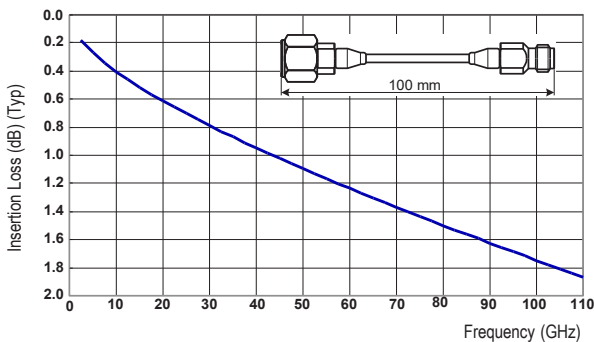


Fig.1 Frequency vs Insertion Loss, L=100 mm

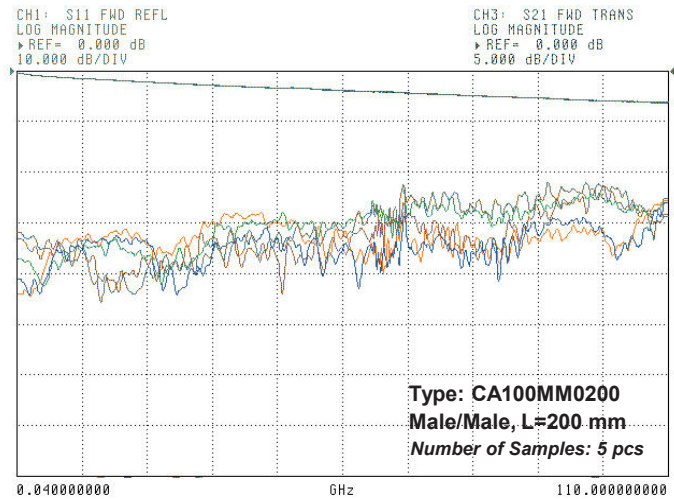
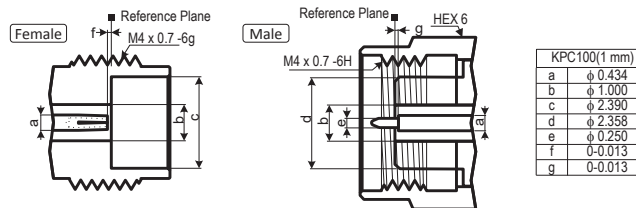


Fig. 2 Typical Performance

Interface Mating Dimensions of KPC100 (1 mm Connectors)



NOTE:

All dimensions are in millimeters.

RoHS Compliant

REACH Compliant

Specifications Subject to Change Without Notice

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