

Connector Interface 1 mm for DC - 110GHz

DESCRIPTION The Re-Formable Semirigid Cable Assemblies, up to 110 GHz, easy to install with bending by hand on your Labs./Sites, are designed for broadband measurement, instrument and system use.
All materials are "lead free".

SPECIFICATIONS:

- Insertion Loss : See Fig.1
- Return Loss : Better than 17dB
- Temperature Range : -55 to 100 deg.C
- Length (L) : 30 to 300mm +/-1mm [*]
(Up to 300mm , Considerable)

[*] Please specify length(L:□□□□ see following table), when you order this item.
For example: CA100MM0035 (Length:35mm)



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

TYPE	Dimension	Connector
CA100FF □□□□		1 mm Female/Female
CA100MF □□□□		1 mm Male/Female
CA100MM □□□□		1 mm Male/Male

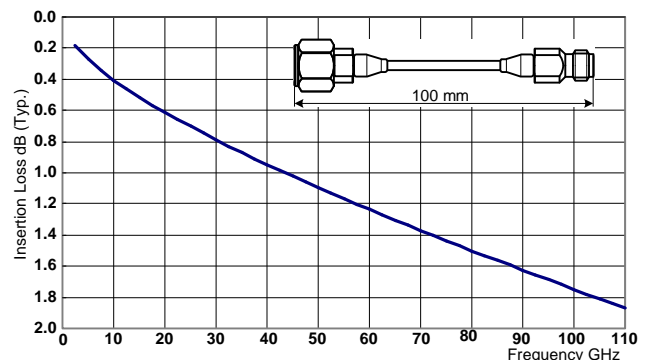


Fig.1 Frequency vs Insertion Loss, Length=100mm

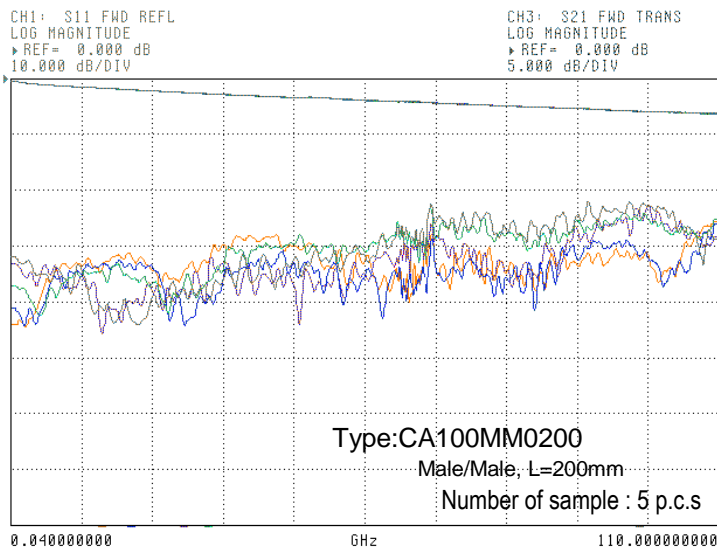
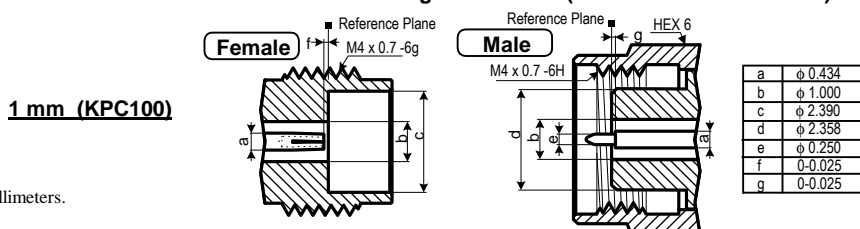


Fig.2 Typical performance

Cable Properties:

- Outer Conductor: 1.19 mm Dia.Copper with Cu/Sn/Zn plated
- Center Conductor: Silver plated copper
- Insulator: PTFE
- Moding Freq.: 112GHz(Approx.)
- Delay Time: 0.476ns/100mm
- Inside Bending Radius: 3 mm(min)
- Non-Magnetic

Connector Interface Mating Dimensions (IEEE-std-287 Conformed)



Specifications Subject to Change Without Notice.

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