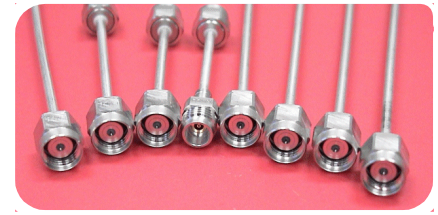


# Re-Formable Semirigid Cable Assemblies: Connector Interface 1.85mm for DC - 60GHz, 2.4mm for DC - 50GHz, 2.92mm for DC - 40GHz

**DESCRIPTION** The Re-Formable Semirigid Cable Assemblies, up to 40, 50 and 60GHz, easy to install with bending on your Labs./Sites, are designed for broadband measurement, instrument and system use. All materials are "lead free".

**SPECIFICATIONS:**

- Insertion Loss : See Fig.1
- Temperature Range : -55 to 100 deg.C
- Length (L) : 35 to 300mm +/-2mm [\*\*](5mm/step)-----Standard  
(Over 300mm to 1500mm, Considerable)

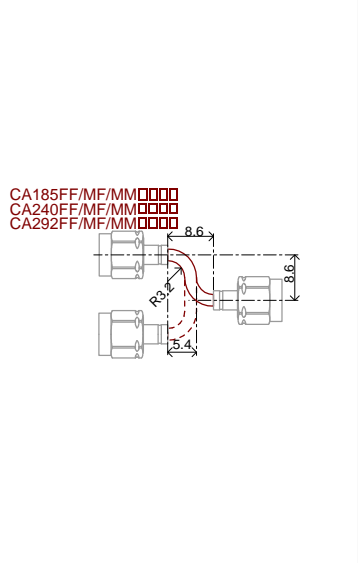


**Production Status**  
Two weeks Lead-Time will be available for shipping.

[\*\*] Please specify length(L: □□□□ see following table), when you order this item.  
For example: CA185MM0035 (Length:35mm)

TYPE	Frequency Range	Return Loss	Connector Interfaces	Insertion Loss	Cable Properties
CA185FF □□□□ <i>Female/Female</i>	DC-60GHz	Better than 18 dB	1.85mm	See Curve in Fig.1	Outer Conductor: 2.2mm Dia.Copper with Cu/Sn/Zn plated Center Conductor: Silver plated copper Insulator: Solid PTFE Moding Freq.: 61GHz(Approx.) Delay Time: 1.43ns/300mm Inside Bending Radius: 3.2mm(min) Non-Magnetic
CA185MF □□□□ <i>Male/Female</i>					
CA185MM □□□□ <i>Male/Male</i>					
CA240FF □□□□ <i>Female/Female</i>	DC-50GHz	Better than 18 dB	2.4mm		
CA240MF □□□□ <i>Male/Female</i>					
CA240MM □□□□ <i>Male/Male</i>					
CA292FF □□□□ <i>Female/Female</i>	DC-40GHz	Better than 20 dB	2.92mm		
CA292MF □□□□ <i>Male/Female</i>					
CA292MM □□□□ <i>Male/Male</i>					

Reference for minimum cable installation space with rounded Re-Forming



**Hand Bender 2200**  
For Re-Forming(R3.2/7mm)



**Notice:**  
About the cable bending with hand bender 2200  
To prevent the cable damage in the joint part of the cable and the connector, Please bend the cable in a place about 4mm away from the joint part.

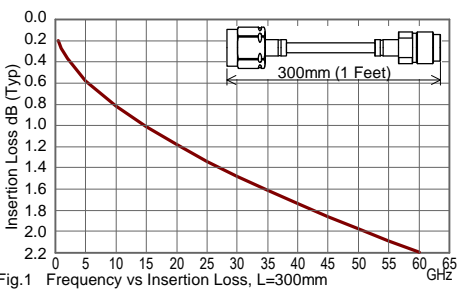
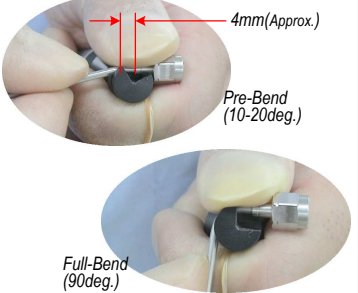


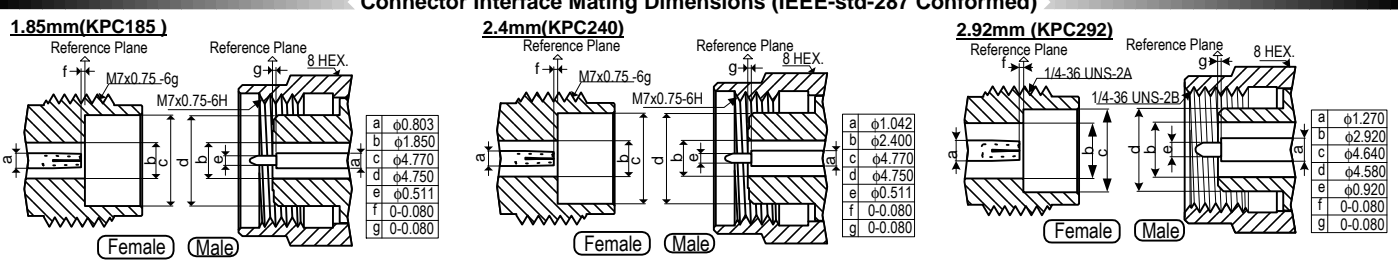
Fig.1 Frequency vs Insertion Loss, L=300mm

When you install the cable assemblies, please support a cable near the connector and tighten the nut, because the cable that composed of a thin copper tube may be damaged easily by a twist stress.



Fig.2 Tightening of Nut

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



Specifications Subject to Change Without Notice. Note: All dimensions are in Millimeters. Copyright(C) 2004 KAWASHIMA Mfg. Co., Ltd. All rights reserved. CA185\_240\_292 Rev.03 Jun. 24 2015