

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

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

**SPECIFICATIONS:**

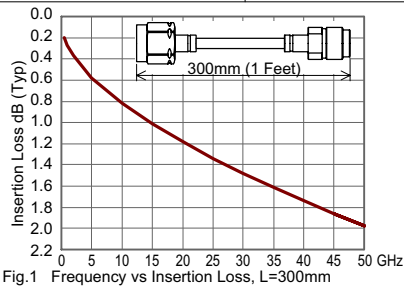
- Insertion Loss : See Fig.1
- Return Loss : Better than 18dB
- Temperature Range : -55 to 100 deg.C
- Length (L) : 35 to 300mm +/-2mm [\*](5mm/step)-----Standard  
(Over 300mm to 1500mm, Considerable)



**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: CA240F185M0035 (Length:35mm)**

TYPE	Connector Interfaces	Frequency Range	Cable Properties	Reference for minimum cable installation space with rounded Re-Forming
CA240F185F	2.4mm and 1.85mm	DC-50GHz	Outer Conductor: 2.2mm Dia.Copper with Cu/Sn/Zn plated	
CA240F185M				
CA240M185F				
CA240M185M				
CA292F185F	2.92mm and 1.85mm	DC-40GHz	Center Conductor: Silver plated copper	
CA292F185M				
CA292M185F				
CA292M185M				
CA292F240F	2.92mm and 2.4mm	DC-40GHz	Insulator: Solid PTFE	<p><b>Hand Bender 2200</b> For Re-Forming(R3.2/7mm)</p>
CA292F240M				
CA292M240F				
CA292M240M				
			Moding Freq.: 61GHz(Approx.)	<p><b>Notice:</b> 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.</p>
			Delay Time: 1.43ns/300mm	
			Inside Bending Radius: 3.2mm(min)	
			Non-Magnetic	



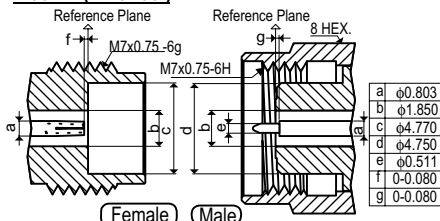
When you install the cable assemblies, please support a cable near the connector and tighten the nut, because the cable that composed of a thin copper tube may be damaged easily by a twist stress.



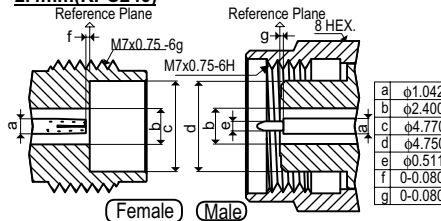
Fig.2 Tightening of Nut

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

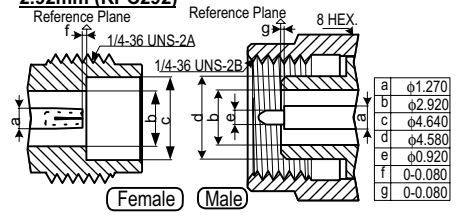
**1.85mm(KPC185)**



**2.4mm(KPC240)**



**2.92mm (KPC292)**



Specifications Subject to Change Without Notice.

Note: All dimensions are in Millimeters.

CA185\_240\_292 Between, Rev.00 Sep. 24 2004

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