



C.FL Series

0.92mm mated height Low Height and Light Weight Miniature Coaxial Connectors Supporting up to 30GHz

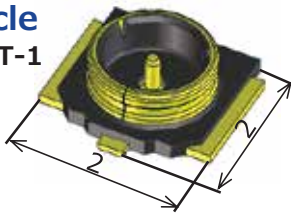
FEATURES:

- Supports up to 30GHz
- Mated Height of 0.92mm (1.0mm Max.)
- Ultra lightweight
- Automatic Board Placement
- 50Ω Ultra-fine coaxial (fluorinated resin insulated) cables
- Tactile Lock
- Simple Connector Mating and Unmating

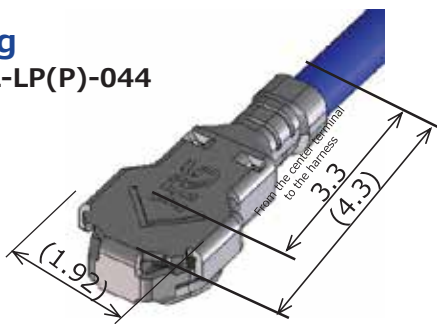
Dimensions

High Frequency Characteristic Measuring Adapter & Probe

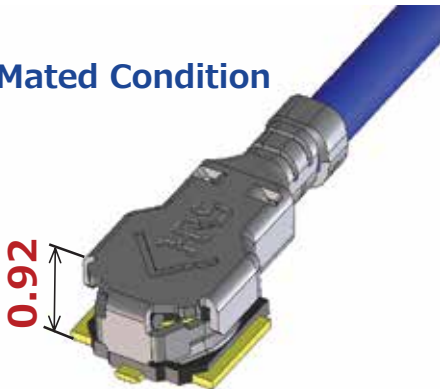
Receptacle C.FL-R-SMT-1



Plug C.FL-LP(P)-044



Mated Condition

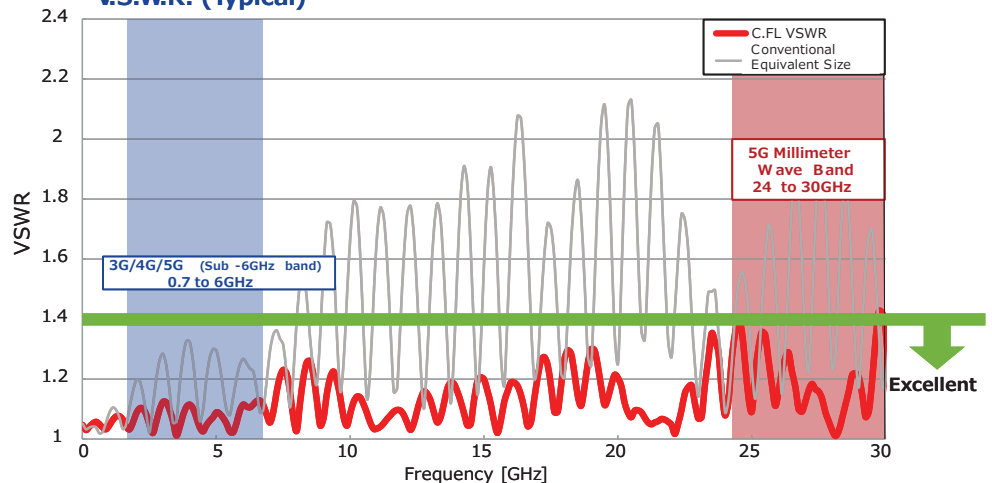


Measurement Image

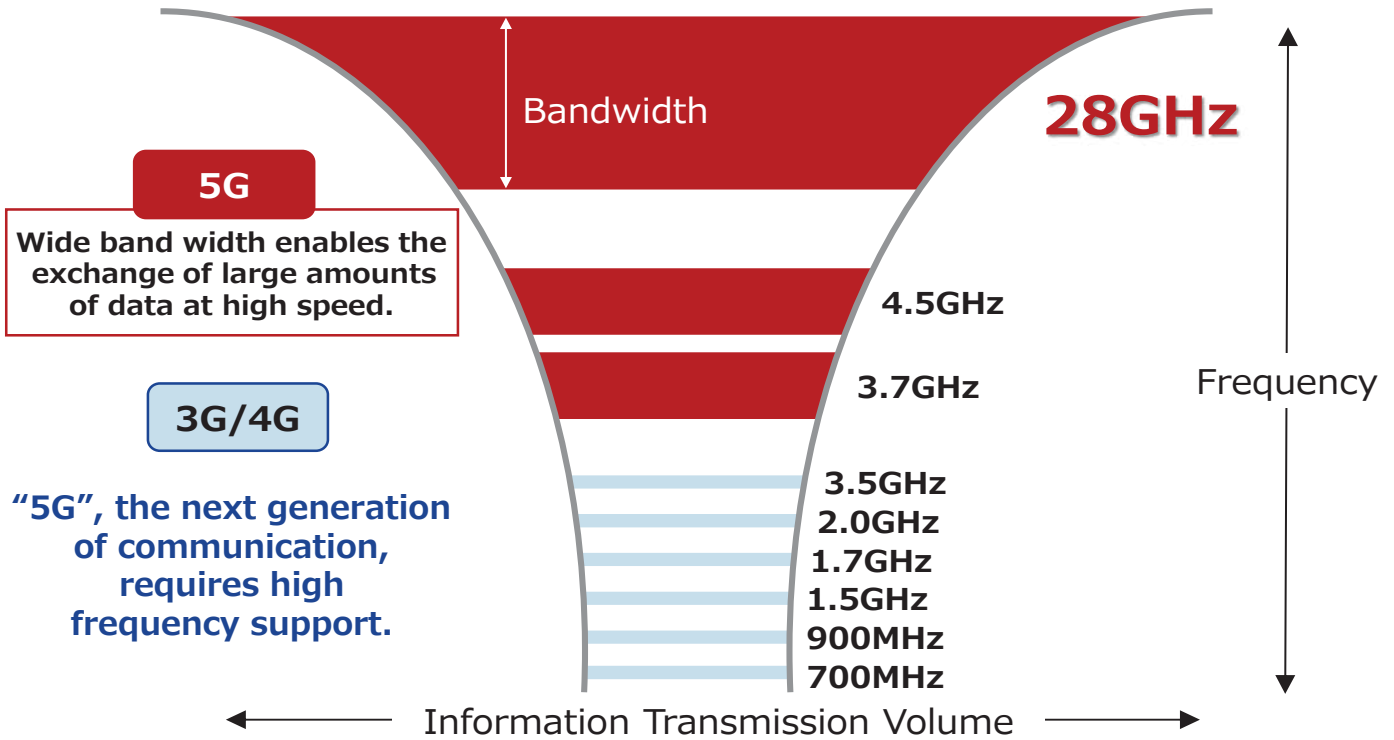


Plug Cable Assembly Measurement	2.4mm interface C.FLJ-H2.4P (2.4mm test connector)	2.92mm interface C.FLJ-HKP (2.92mm test connector)
	2.4mm interface C.FLP-H2.4J (2.4mm test connector)	2.92mm interface C.FLP-HKJ (2.92mm test connector)

V.S.W.R. (Typical)



Mobile Communications Frequency



Specifications

MATERIAL AND FINISH			
Component		Material	Finish, Remarks
Shell		Phosphor Bronze	Partially Gold Plated
Insulator		LCP	Black/ UL94V-0
Contact	Plug	Phosphor Bronze	Gold Plated
	Receptacle	Brass	Gold Plated
PERFORMANCE CHARACTERISTICS			
Contact Resistance		60mΩ Max. (Inner), 20mΩ Max. (Outer) at 10mA DC	
Withstanding Voltage		200VAC for 1min.	
Insulation Resistance		500MΩ(100V DC)	
Mating Durability		20 times	
Characteristic Impedance		50Ω	
V.S.W.R.		1.4 Max.: DC to 15GHz 1.5 Max.: 15 to 20GHz 1.6 Max.: 20 to 30GHz	

Halogen-free* product

* Defined in accordance with IEC 61249 -2 -21.
(Br: 900 ppm or less, Cl: 900 ppm or less, total Br + Cl content: 1500 ppm or less)



For additional information please go to
<https://www.hirose.com/product/series/C.FL>
 Specifications herein are subject to change without notice.
 Contact Hirose for latest specifications, drawings, or availabilities.

