



Low Loss Phase Amplitude Stable Flexible Cable



Electrical Specifications, $T_A=25^{\circ}\text{C}$

Parameters	Min.	Typ.	Max.	Units
Frequency Range	DC		40	GHz
Insertion Loss		3	3.5	dB
VSWR		1.15	1.25	:1
Amplitude Stability *	± 0.1			dB
Phase Stability *	± 5.0			degrees
Temperature Amplitude Stability	$<750@-55^{\circ}\text{C}-+85^{\circ}\text{C}$			PPM
Maximum Outer Diameter	0.142"/3.6			inch/mm
Minimum Bend Radius (Dynamic)	1.42"/36			inch/mm
Minimum Bend Radius (Static)	0.71"/18			inch/mm
Mating Cycles	>500			
Recommended Torque	0.9			Nm
Weight	2.01			ounces
Impedance	50			Ω
Connectors	Connector 1:2.92mm-male Connector 2:2.92mm-male			
Connector Body	stainless steel, passivated			
Connector Center Conductor	gold-plated beryllium copper			
Connector Dielectric	PEEK			

* 360°, minimum bend radius (dynamic)

Environmental Specifications

Operational Temperature	-55 to +125°C
Storage Temperature	-55 to +125°C

Features

- 2.92mm male to 2.92mm male
- Length 4ft / 1219mm
- Frequency DC - 40GHz
- Excellent VSWR , ultra low insertion loss
- Phase and amplitude stability over flexure and wide temperature range(-55 to +85°C)
- Time delay, phase matching is available

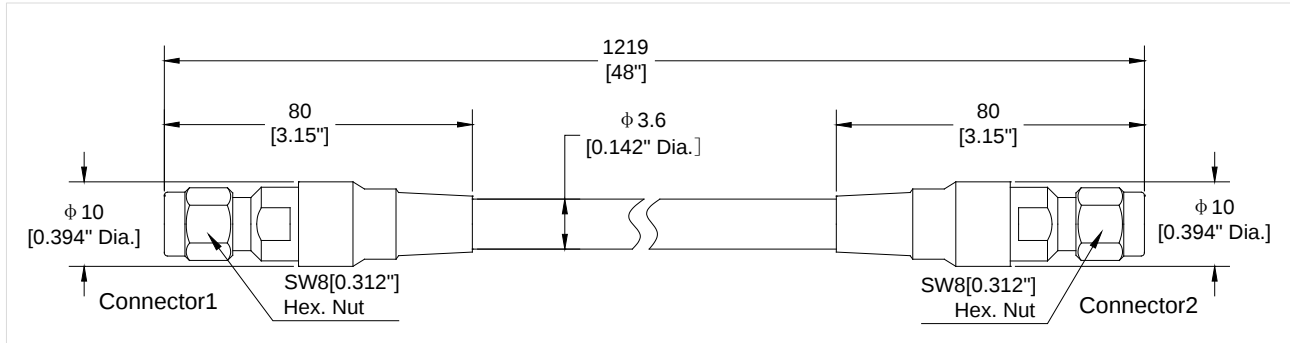
Applications

- RF , microwave integrating system and sub-assemblies
- Use in test lab environment

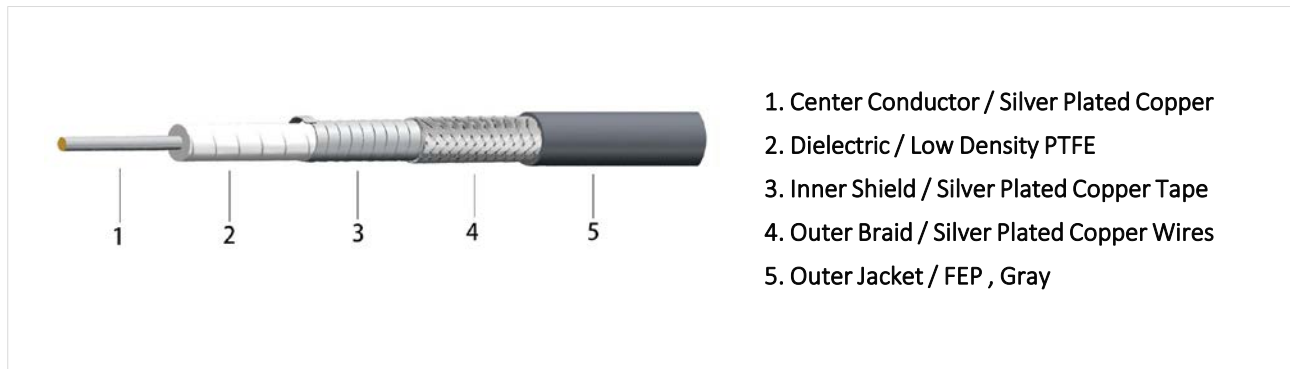


Outline Drawing:

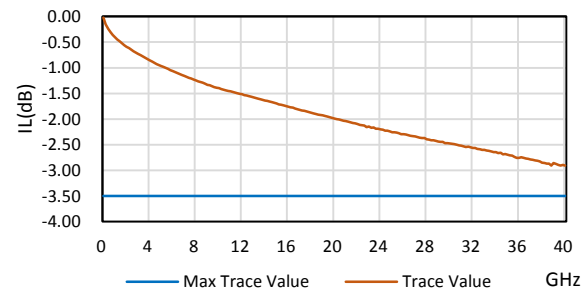
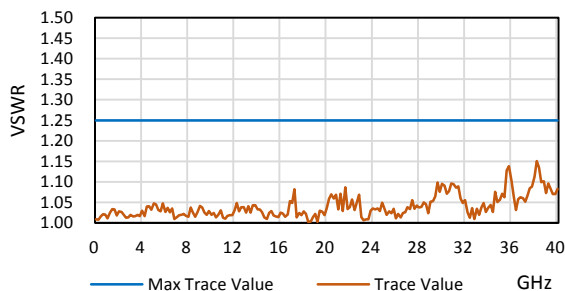
All Dimensions in mm[inches]



Cable Structure:



Typical Performance Data :



Important Notice

The information contained herein is believed to be reliable. RF-Lambda makes no warranties regarding the information contained herein. RF-Lambda assumes no responsibility or liability whatsoever for any of the information contained herein. RF-Lambda assumes no responsibility or liability whatsoever for the use of the information contained herein. The information contained herein is provided "AS IS, WHERE IS" and with all faults, and the entire risk associated with such information is entirely with the user. All information contained herein is subject to change without notice. Customers should obtain and verify the latest relevant information before placing orders for RF-Lambda products. The information contained herein or any use of such information does not grant, explicitly or implicitly, to any party any patent rights, licenses, or any other intellectual property rights, whether with regard to such information itself or anything described by such information. RF-Lambda products are not warranted or authorized for use as critical components in medical, life-saving, or life sustaining applications, or other applications where a failure would reasonably be expected to cause severe personal injury or death.