



Low Loss Phase Amplitude Stable Flexible Cable



Features

- 1.85mm male to 1.85mm male
- Length 1ft / 305mm
- Frequency DC – 67GHz
- 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

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

Parameters	Min.	Typ.	Max.	Units
Frequency Range	DC		67	GHz
Insertion Loss		2	2.63	dB
VSWR		1.2	1.35	:1
Amplitude Stability *	± 0.15			dB
Phase Stability *	± 7.0			degrees
Temperature Amplitude Stability	$<750@-55^{\circ}\text{C}-+85^{\circ}\text{C}$			PPM
Maximum Outer Diameter	0.087"/2.2			inch/mm
Minimum Bend Radius (Dynamic)	0.87"/22			inch/mm
Minimum Bend Radius (Static)	0.335"/8.5			inch/mm
Mating Cycles	>500			
Recommended Torque	0.9			Nm
Weight	0.35			ounces
Impedance	50			Ω
Connectors	Connector 1:1.85mm-male Connector 2:1.85mm-male			
Connector Body	stainless steel, passivated			
Connector Center Conductor	gold-plated beryllium copper			
Connector Dielectric	CPS			

* 360°, minimum bend radius (dynamic)

Environmental Specifications

Operational Temperature	-55 to +100°C
Storage Temperature	-55 to +100°C

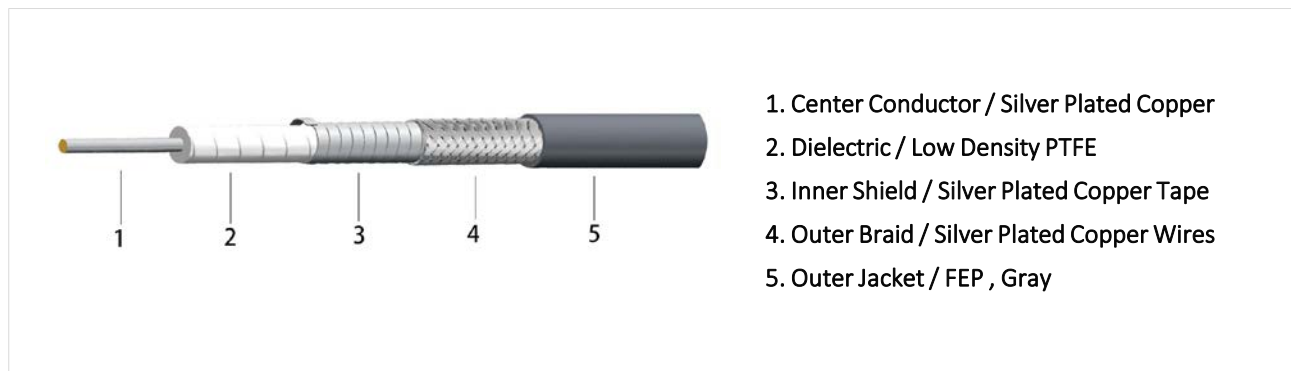


Outline Drawing:

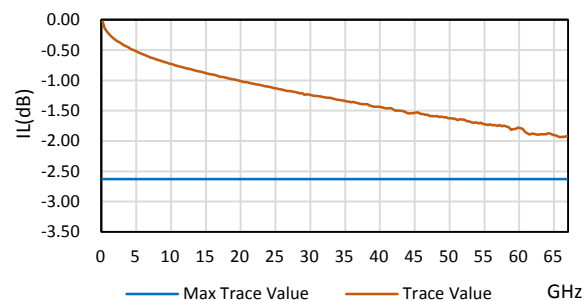
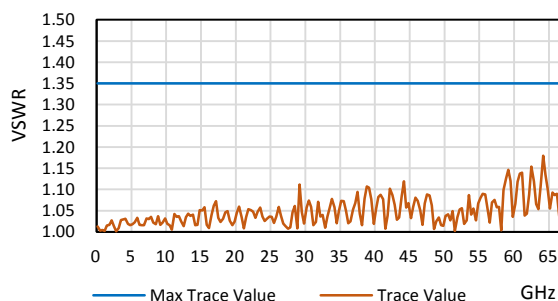
All Dimensions in mm[inches]



Cable Structure:



Typical Performance Data :



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