



Low Loss Flexible RF cable



Features

- SMA male to SMA male
- Length 1ft / 305mm
- Frequency DC - 18GHz
- Excellent VSWR , low insertion loss
- High performance to cost ratio

Applications

- RF , microwave test systems
- 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		18	GHz
Insertion Loss		0.55	0.78	dB
VSWR		1.15	1.2	:1
Maximum Outer Diameter	0.181"/4.6			inch/mm
Minimum Bend Radius (Dynamic)	1.81"/46			inch/mm
Minimum Bend Radius (Static)	0.91"/23			inch/mm
Mating Cycles	>2000			
Recommended Torque	0.9			Nm
Weight	1.35			ounces
Impedance	50			Ω
Connectors	Connector 1:SMA-male Connector 2:SMA-male			
Connector Body	stainless steel, passivated			
Connector Center Conductor	gold-plated beryllium copper			
Connector Dielectric	PTFE			

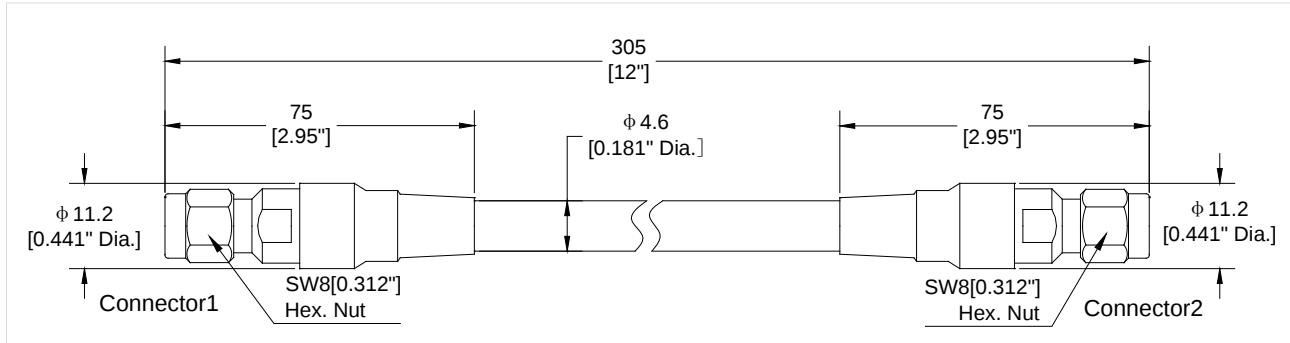
Environmental Specifications

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

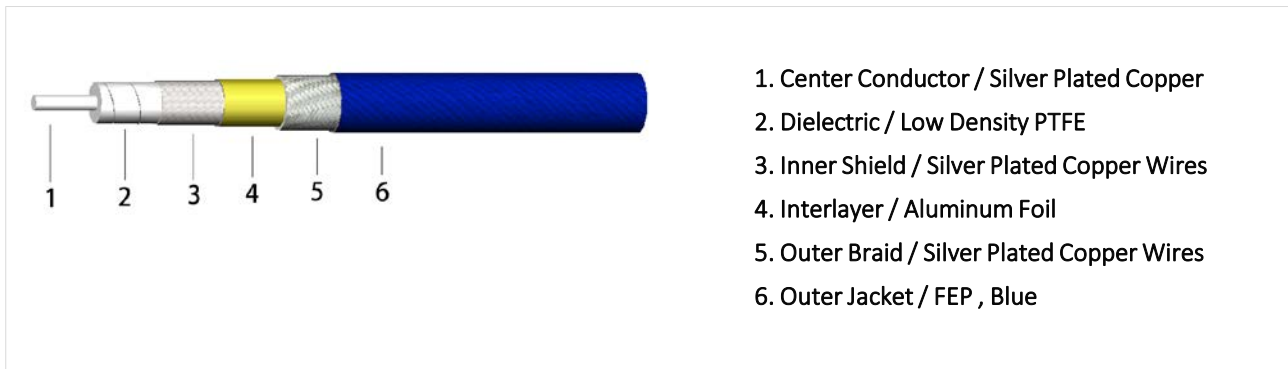


Outline Drawing:

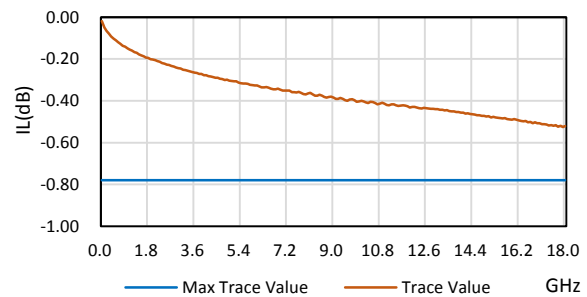
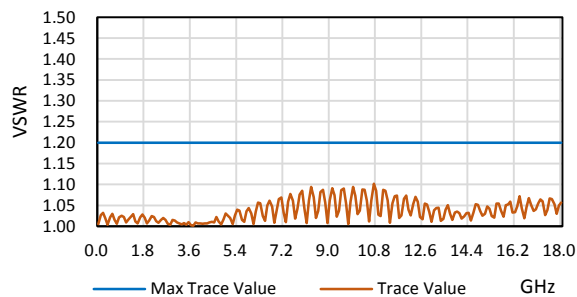
All Dimensions in mm [inches]



Cable Structure:



Typical Performance Data :



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