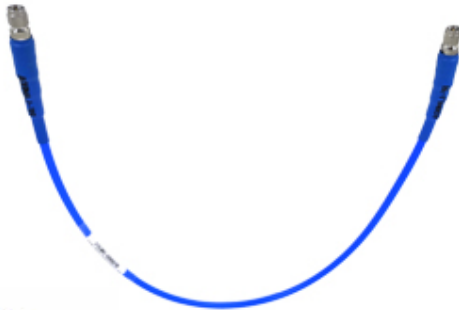




## Low Loss Flexible RF cable



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

### Features

- SMA male to SMA male
- Length 2ft / 610mm
- 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

Parameters	Min.	Typ.	Max.	Units
Frequency Range	DC		18	GHz
Insertion Loss		0.8	1.06	dB
VSWR		1.15	1.2	:1
Maximum Outer Diameter	0.205"/5.2			inch/mm
Minimum Bend Radius (Dynamic)	2.05"/52			inch/mm
Minimum Bend Radius (Static)	1.02"/26			inch/mm
Mating Cycles	>2000			
Recommended Torque	0.9			Nm
Weight	2.12			ounces
Impedance	50			$\Omega$
Connectors	Connector 1:SMA-male Connector 2:SMA-male			
Connector Body	stainless steel, passivated			
Connector Center Conductor	gold-plated beryllium copper			
Connector Dielectric	PTFE			

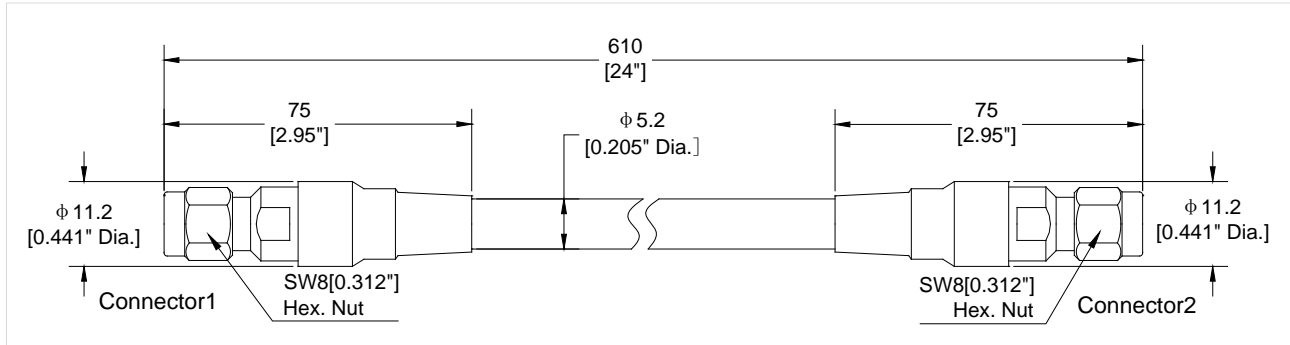
### *Environmental Specifications*

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



## Outline Drawing:

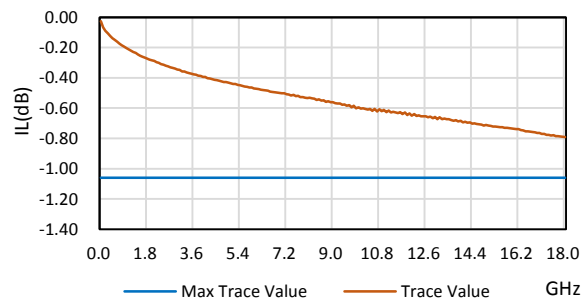
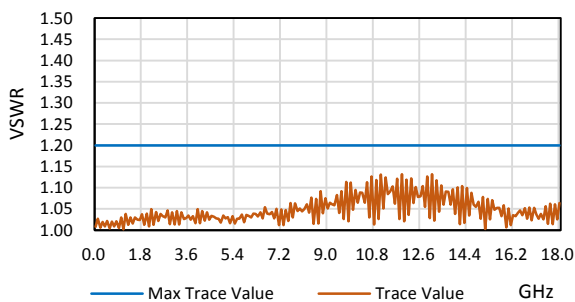
All Dimensions in mm [inches]



## Cable Structure:

1. Center Conductor / Silver Plated Copper
2. Dielectric / Low Density PTFE
3. Inner Shield / Silver Plated Copper Wires
4. Interlayer / Aluminum Foil
5. Outer Braid / Silver Plated Copper Wires
6. Outer Jacket / FEP , Blue

## Typical Performance Data :



## Important Notice

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