



Low Loss Flexible RF cable



Features

- SMA male to Type N 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		0.45	0.66	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	SMA:0.9, Type N:1.35			Nm
Weight	2.19			ounces
Impedance	50			Ω
Connectors	Connector 1:SMA-male Connector 2:Type N-male			
Connector Body	stainless steel, passivated			
Connector Center Conductor	gold-plated beryllium copper			
Connector Dielectric	PTFE			

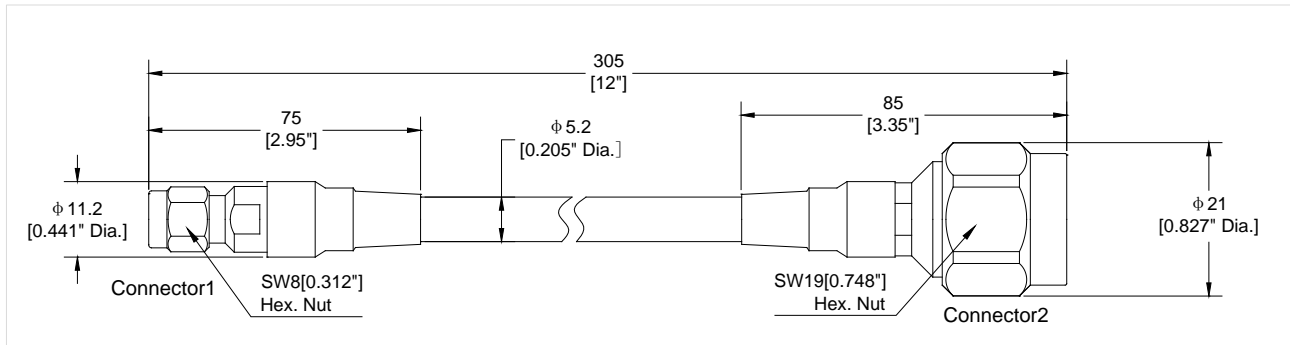
Environmental Specifications

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



Outline Drawing:

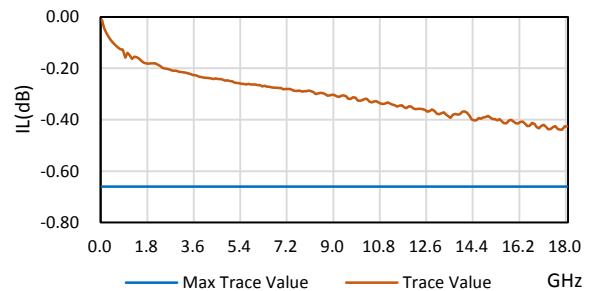
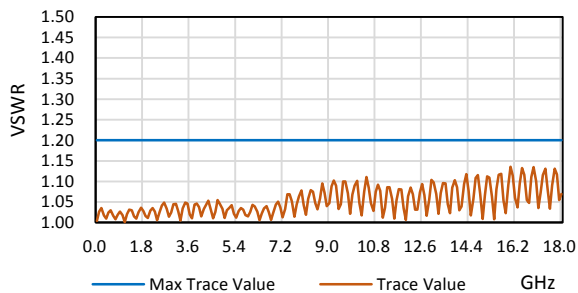
All Dimensions in mm [inches]



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 :



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