



## Low Loss Flexible RF cable



### Features

- SMA male to Type N male
- Length 3ft / 914mm
- 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,  $T_A=25^{\circ}C$*

Parameters	Min.	Typ.	Max.	Units
Frequency Range	DC		18	GHz
Insertion Loss		0.85	1.42	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	3.58			ounces
Impedance	50			$\Omega$
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			

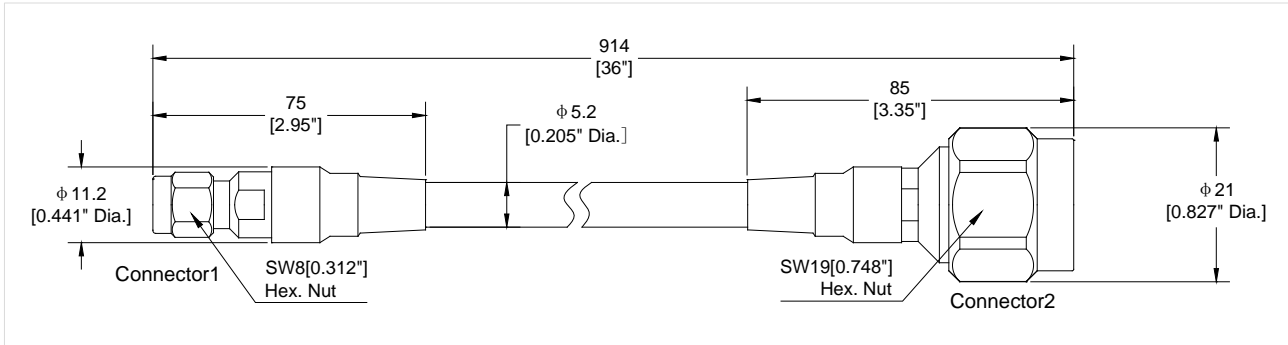
### *Environmental Specifications*

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

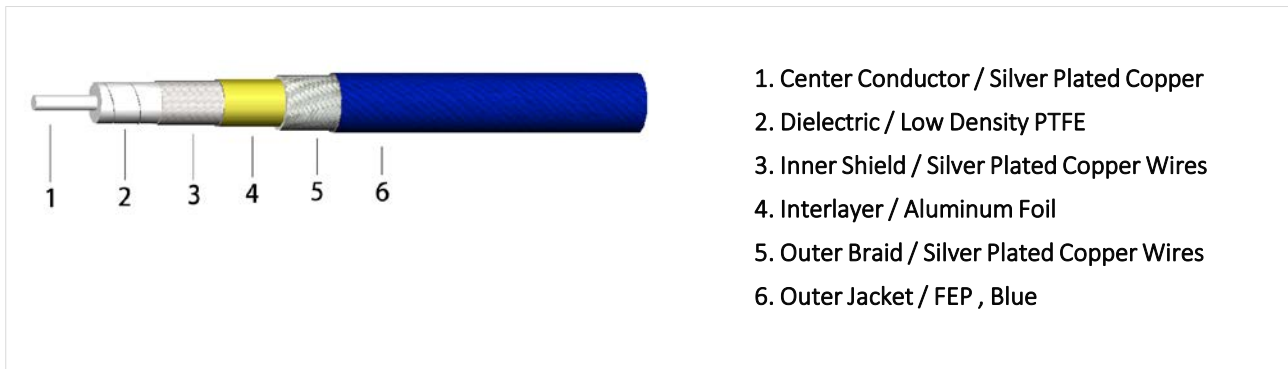


### Outline Drawing:

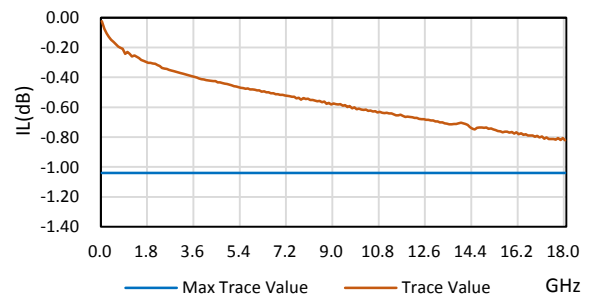
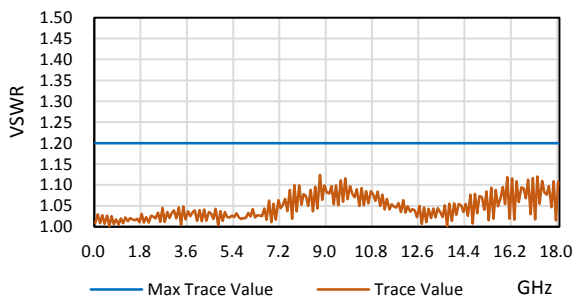
All Dimensions in mm [inches]



### Cable Structure:



### Typical Performance Data :



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