



Phase Amplitude Stable RF Multilayer Armoured Cable



Features

- SMA male to SMA male
- Length 2ft / 610mm
- Frequency DC – 26.5GHz
- Excellent VSWR, low insertion loss
- Phase and amplitude stability over flexure
- Rugged construction with multilayer armor

Applications

- RF, microwave and millimeter wave test systems
- Use in test lab environment

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

Parameters	Min.	Typ.	Max.	Units
Frequency Range	DC		26.5	GHz
Insertion Loss		1.1	1.33	dB
VSWR		1.2	1.25	:1
Amplitude Stability *	±0.1			dB
Phase Stability *	±4.0			degrees
Maximum Outer Diameter	0.303"/7.7			inch/mm
Minimum Bend Radius (Dynamic)	3.15"/80			inch/mm
Minimum Bend Radius (Static)	1.97"/50			inch/mm
Mating Cycles	>2000			
Recommended Torque	0.9			Nm
Weight	3.85			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			

* 360°, minimum bend radius (dynamic)

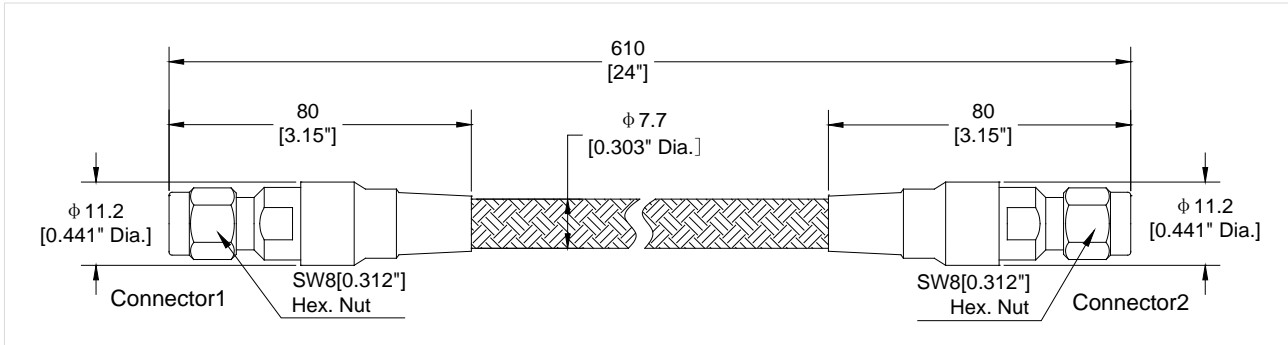
Environmental Specifications

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

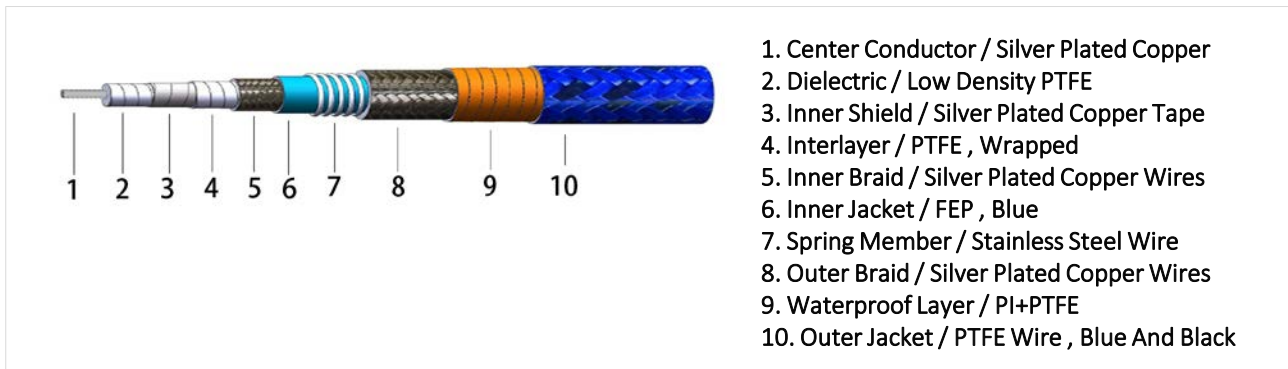


Outline Drawing:

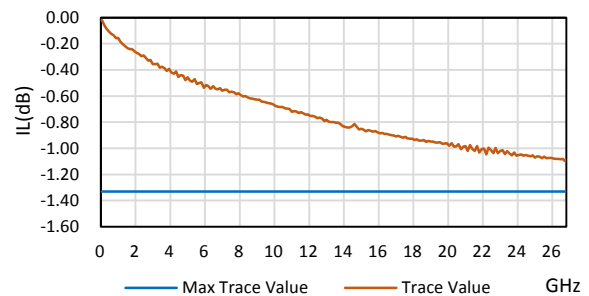
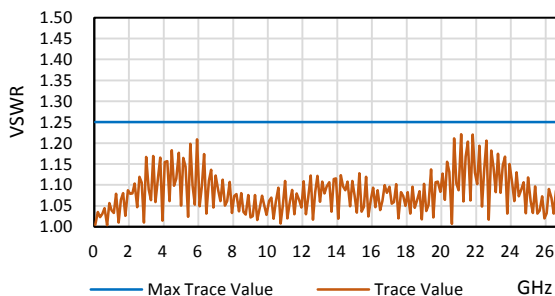
All Dimensions in mm[inches]



Cable Structure:



Typical Performance Data :



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