



# Precision Ruggedized VNA Cables

## 18GHz, 26.5GHz & 40GHz

### 2.4mm, 2.92mm, 3.5mm SMA & Type-N Connectors

Designed for Vector Network Analyzer Testing  
 Excellent Loss & VSWR  
 Phase Stability Under Flex  
 Non Conductive Weave Outer Protection  
 Ruggedized Termination Area  
 Operates up to 125C  
 Comes with Serialized Test Data



Characteristic	18GHz	26.5GHz	40GHz
VSWR <sub>max</sub>	1.30:1	1.35:1	1.45:1
IL <sub>max</sub> 6GHz (3ft)	1.196dB	1.196dB	1.153dB
IL <sub>max</sub> 12GHz (3ft)	1.818dB	1.818dB	1.684dB
IL <sub>max</sub> 18GHz (3ft)	2.346dB	2.346dB	2.113dB
IL <sub>max</sub> 26GHz (3ft)	-	3.416dB	2.606dB
IL <sub>max</sub> 32GHz (3ft)	-	-	2.939dB
IL <sub>max</sub> 40GHz (3ft)	-	-	3.350dB
Max Power	88W	65W	42W
Min Bend Radius	4.0"	4.0"	3.0"
Capcitanace	29.4 pf/ft	29.4 pf/ft	26.8 pf/ft
Phase Stability	+/- 2Deg	+/- 3Deg	+/- 5Deg
Crush Resitance	1,050lbs/in.		
Max Op. Temp	125C		

ConductRF VNA series provides customers with reliable ruggedized solutions for Lab and Production Vector Network Analyzer testing. With options for 18GHz, 26.5GHz, & 40GHz these cables offer cost leading alternatives to original OEM VNA cable solutions.

VNA Series cables are enhanced with a stainless steel spiral armor, providing protection from excess bending and crushing forces. A black non-conductive outer cover completes the product. These cables are phase stable during flexing and have an operating life cycle of up to 5,000 matings when correctly operated and maintained. Connector options available for male and female interfaces include; 2.4mm, 2.92mm, 3.5mm, SMA and Type-N series. NMD head options that mate to VNA port connectors are available for additional stability for female interfaces in 2.4mm, 2.92mm, and 3.5mm series.

These assemblies are fully compatible with OEM VNA equipment and come with serialized test data to validate performance.

Images for illustration only, Data subject to change. Performance at 25C.

