

Precision Ruggedized VNA Cables 18GHz, 26.5GHz & 40GHz

2.4mm,2.92mm, 3.5mm

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

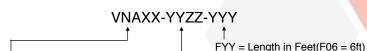
Images for illustration only, Data subject to change. Performance at 25C.

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 nonconductive 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.

VNA26-E1ENF-S18



18 = 18GHz(3.5mm, SMA and Type-N)

26 = 26.5GHz(2.92mm, 3.5MM & SMA)

40 = 40GHz_(2.4mm & 2.92mm)

Standard mm Options 2.4mm Male = C1 2.4mm Female = CF 2.92mm Male = D1 2.92mm Female = DF 3.5mm Male = E1 3.5mm Female = EF YY & ZZ SMA/N Options SMA Male = S1 SMA Female = SF Type-N Male = N1 Type-N Female = NF

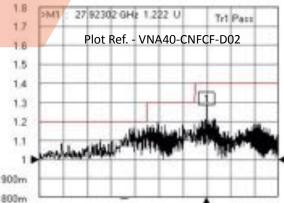
NMD Options (YYY & ZZZ) 2.4mm Female NMD = CNF 2.92mm Female NMD = DNF 3.5mm Female NMD = ENF

Max Length 10ft(3M)

SYY = Length in Inches(S18 = 18")

YMY = Length in Meters(2M5 = 2.5m)

Tr1 S11 Refl SWR RefLvt 1 U Res: 100 mU/Div



XΧ