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

RoHS COMPLIANT

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 pf/ft	29.4 pf/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 a cost effective alternatives to well known factory provided original VNA options.

VNA Series cables have an internal armored stainless steel spiral sheath construction and a non conductive outer weave to assist in flexibility and protection.

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 are available for male and female interfaces for 2.4mm, 2.92mm, 3.5mm, SMA and Type-N series. Ruggedized NMD options are available for 2.4mm, 2.92mm(K) and 3.5mm female interfaces. These assemblies are fully compatible with OEM VNA equipment and come with serialized test data to verify performance.

VNA26-E1ENF-S18

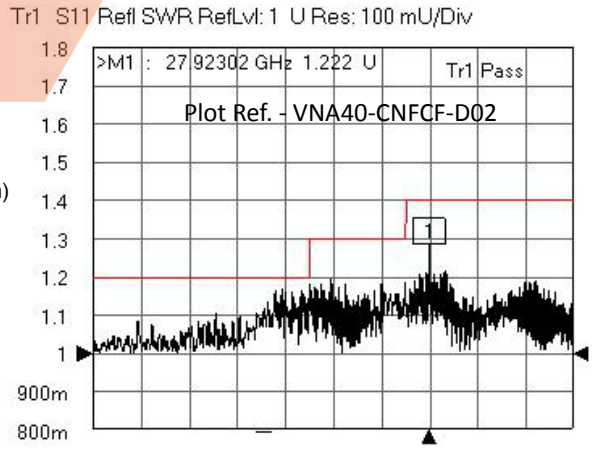
VNAXX-YYZZ-YYY

XX
18 = 18GHz(3.5mm, SMA and Type-N)
26 = 26.5GHz(2.92mm, 3.5MM & SMA)
40 = 40GHz(2.4mm & 2.92mm)

FYY = Length in Feet(F06 = 6ft)
SYY = Length in Inches(S18 = 18")
YMY = Length in Meters(2M5 = 2.5m)
Max Length 10ft(3M)

YY & ZZ

Standard mm Options	SMA/N Options	NMD Options (YYY & ZZZ)
2.4mm Male = C1	SMA Male = S1	2.4mm Female NMD = CNF
2.4mm Female = CF	SMA Female = SF	2.92mm Female NMD = DNF
2.92mm Male = D1	Type-N Male = N1	3.5mm Female NMD = ENF
2.92mm Female = DF	Type-N Female = NF	
3.5mm Male = E1		
3.5mm Female = EF		



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