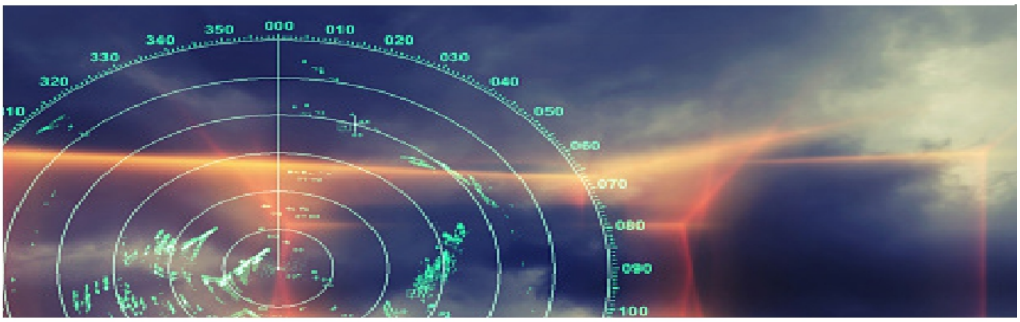
Mob: +91 7217885948 www.rfconnector.in pradeeep@rfconnector.in







TestPro VNA cable assemblies are designed for precision measurements with Vector Network Analyzers. They offer extremely precise phase and amplitude stability when flexed and provide extreme accuracy and long lasting intervals between re-calibration. TestPro VNA cable assemblies are available as single cable or phase matched pairs and are delivered in three standard lengths of 25, 38 and 48 inches. A test report with serial number and VSWR, IL and phase and loss stability data is included.

FEATURES & BENEFITS

- *Phase and amplitude stable*
- *Accurate measurements*
- *Long lasting*
- *Long calibration intervals*
- *High degree of flexibility*
- *No spring-back*

APPLICATIONS

- *Vector network analyzers*
- *Testing in lab environments*
- *Critical measurements*

PRODUCT CHARACTERISTICS

ELECTRICAL CHARACTERISTICS						
CABLE TYPE	TESTPRO VNA (VB0---TF)			TESTPRO VNA (VB0---ZT)		
Length (in)	25	38	48	25	38	48
Maximum Frequency (GHz)	50			67		
Typical VSWR	1.25 : 1			1.35 : 1		
Maximum VSWR	1.43 : 1			1.50 : 1		
Typical Insertion Loss (dB)	3.60	5.25	6.51	4.43	6.43	7.96
Maximum Insertion Loss (dB)	4.31	6.28	7.80	5.10	7.44	9.25
Impedance (Nominal) (Ohms)	50			50		
Typical Phase Stability (±degree)	1.5	3.5	3.5	4.5	5.5	5.5
Maximum Phase Stability (±degree)	4.5	7.5	7.5	8.5	10	10
Typical Amplitude Stability (dB)	0.01	0.03	0.03	0.02	0.04	0.04
Maximum Amplitude Stability (dB)	0.08	0.08	0.08	0.10	0.10	0.10
Velocity of Propagation (Nominal) (%)	76			76		
Shielding Effectiveness (dB through 18 GHz)	> 100			> 100		
Time Delay (Nominal) ns/cm (ns/in)	4.4 (1.35)			4.4 (1.35)		

MECHANICAL CHARACTERISTICS						
CABLE TYPE	TESTPRO VNA (VB0---TF)			TESTPRO VNA (VB0---ZT)		
Length (in)	25	38	48	25	38	48
Nominal Weight (g)	280	373	442	273	366	435
Typical Flex Cycles	> 50,000			> 50,000		
Minimum Bend Radius (mm/in) (Selflocking)	50/2			50/2		
Operating Temperature Range (°C)	Laboratory conditions; (23 ± 5)			Laboratory conditions; (23 ± 5)		
Storage Temperature Range (°C)	-40 to +70			-40 to +70		
Crush Resistance kgf/cm (lbf/in)	44 / 260			44 / 260		

Plot no. 845, DSIIDC Industrial Area KHASRA NO. 33/23 (0-7) & 37/4 (0-10)Gali no. 6, near Harnandi dharam kanta Mundka Industrial Area, New Delhi, Delhi, 110041