

TRUtest™ VNA Series



TRU-Win 50 GHz VNA test cables provide reliable, precise and repeatable measurements for your most demanding calibration and test needs. Built to the highest quality standards to ensure long service life and durability, while maintaining critical phase stability. All this and more at an economical price solution.

Ideal for precision laboratory calibration and test measurements, contact us today to find out how TRUtest™ VNA Series can provide you with both performance and value.

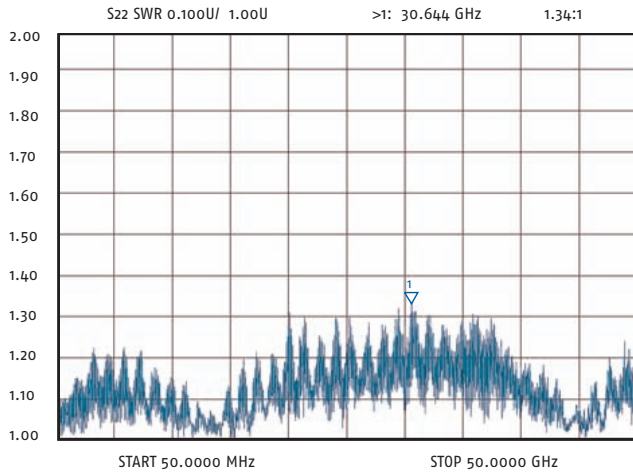
Specifications

Operating Frequency	50.0 GHz
Impedance	50 Ohms nominal
Velocity of Propagation	78% nominal
VSWR (maximum)	1.35:1 (0.05-26.5 GHz) 1.45:1 (26.5-50 GHz) See graph for typical performance
Attenuation (maximum)	0.79 dB/ft + 0.35 @ 18 GHz 0.99 dB/ft + 0.50 @ 26.5 GHz 1.44 dB/ft + 0.70 @ 50 GHz
Shielding Effectiveness	> -90 dB
Crush Resistance	800 lbf/in (143 kgf/cm)
Phase vs. Flexure	See graph for typical performance
Amplitude vs. Flexure	See graph for typical performance
Minimum Bend Radius	2.25 inch (57,2 mm)
Temperature	23 +/- 5°C (laboratory environment)
Phase vs. Temperature	<1,500 PPM, see graph

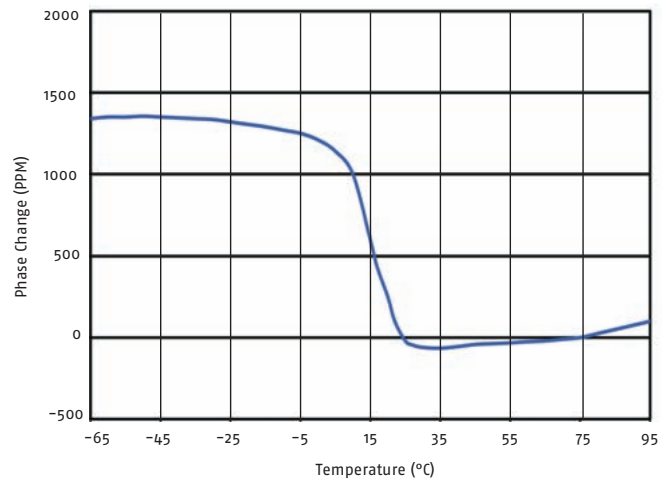
Specifications

Typical VSWR

NMD female to 2.4 mm female 25 inches (635 mm) long

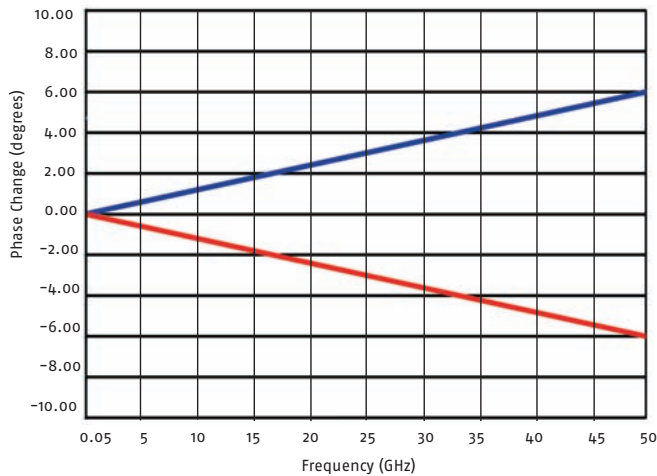


Typical Phase vs. Temperature



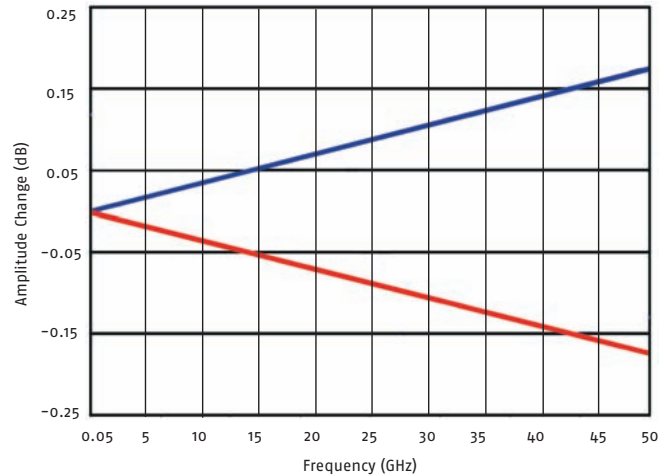
Phase Change vs. Flexure

Maximum phase change vs. flex 180 degrees (U-shape) around 2.25 inch radius



Amplitude Change vs. Flexure

Maximum amplitude change vs. flex 180 degrees (U-shape) around 2.25 inch radius



Tru products are now under the Tru-Win™ brand from Winchester Interconnect.