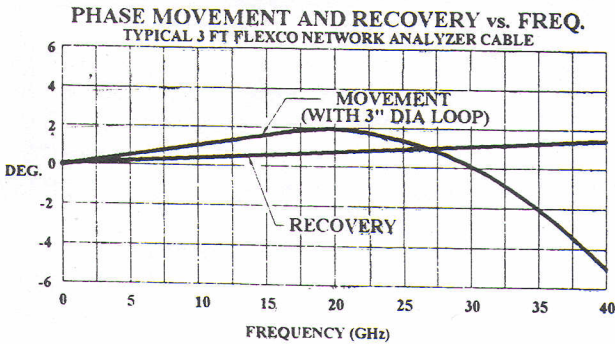


**Flexco Microwave, Inc.**

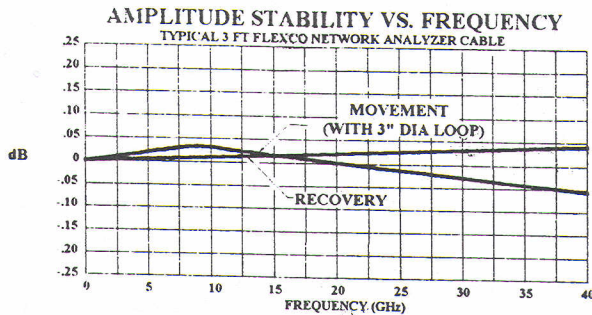
PO Box 115, 17 Karrville Road  
Port Murray, NJ 07865  
Telephone 908-835-1720  
Fax 908-835-0002  
E-mail sales@flexcoMW.com  
http://www.FlexcoMW.com



**NTC182 VANA Test Cable**  
to 40 GHz



NTC182 VANA Test cables exhibit excellent phase stability when flexed permitting truly accurate measurements.

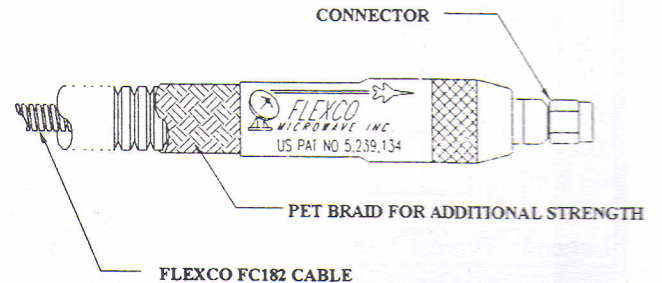


Change in amplitude measures less than 0.10 dB when flexed and exhibits excellent recovery.

**Electrical Characteristics:**

Nominal Impedance:	50Ω
Velocity of Propagation:	69%
Effective Dielectric Constant:	2.10
Time Delay:	1.47 ns/ft
Shielding Effectiveness:	-90 dBc min.
Nominal Capacitance:	29 pF/ft
Dielectric Withstanding Voltage:	0.5 KV (rms)
Maximum Frequency:	40 GHz
Maximum VSWR:	1.45:1

Insertion loss values at specific frequencies can be calculated by using the information provided on the FC182 Flexible Coaxial Cable specification sheet.



**Physical Characteristics:**

Center Conductor:	Solid Silver Plated Copper (SPC) per ASTM-B298
Dielectric:	PTFE per L-P-403
Outer Conductor:	Strip wound oxygen free Copper per UNS 10200
Min. Bend Radius:	1.5"
Operating Temperature:	-40°C to +120°C
Protective Jacketing:	Non-metallic corrugated tubing
Outer Braid:	Polyester - PET
Cable Assembly Outer Diameter:	0.50" nominal

**Available Connectors:**

3.5 mm:	Plug, Jack, NMD
SMA:	Plug, Jack
N:	Plug, Jack
APC-7:	Sexless
K:	Plug, Jack, NMD
2.4 mm:	Plug, Jack, NMD
TNC:	Plug

Please refer to Table 1 in the Ordering Information section for maximum connector frequencies and Flexco designation.