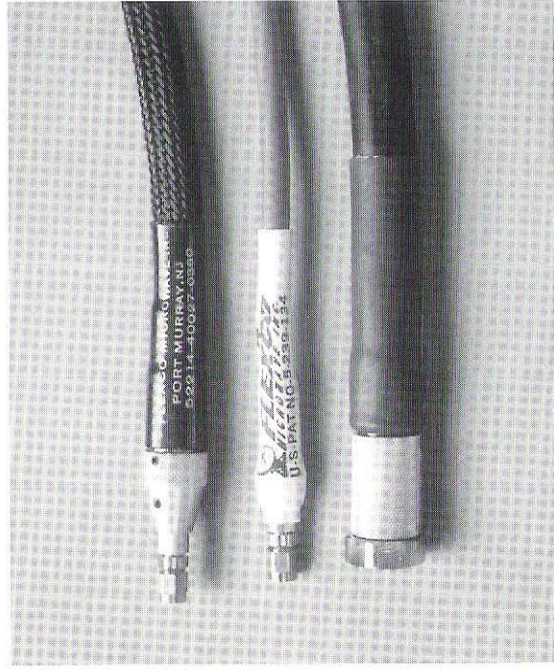


TEST & MEASUREMENT CABLES

PRODUCTION • LAB • BENCH • FIELD



Blue Grade (FC) ≈ Flexco's Standard high quality test cable for everyday bench test and measurement applications.

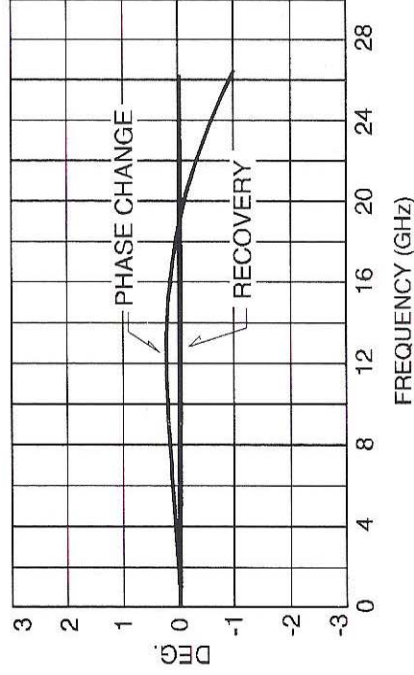
Lab Grade (NTC) ≈ Flexco cable is protected inside a Kynar tube braided with Natvar. This light weight and highly flexible assembly is cost effective and ideal for the engineering lab.

SuperCable (ATC) ≈ Everything you've heard about Flexco's SuperCable is true: It will stand up to virtually any production or field environment. The Flexco cable is protected inside a stainless steel conduit, braided with stainless steel and jacketed with EPDM.

◀ Flexco's Test & Measurement cables are available with three levels of protection. As shown from top to bottom: Lab Grade (NTC), Blue Grade (FC) and SuperCable (ATC). Select the cable you need by using the appropriate prefix with either '195, '182 or '105. EG ≈ FC195, ATC182 or NTC105.

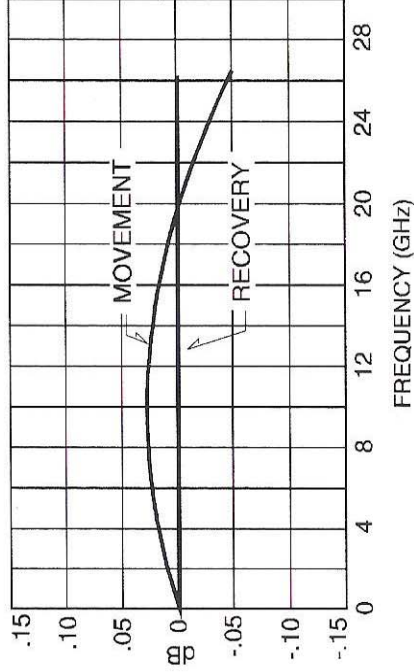
'195 Flexible Test Cable/Phase Stable to 26.5 GHz

Phase vs. Flexure



'195 Test cables exhibit excellent phase stability when flexed permitting truly accurate measurements.

Amplitude vs. Flexure



Change in amplitude measures less than 0.05 dB when flexed and returns virtually to zero when uncoiled.

ELECTRICAL CHARACTERISTICS

	'182	'105
Maximum Frequency (GHz):	40.0	28.0
Impedance, nominal (Ohms):	50	50
Velocity of Propagation:	69%	80%
Effective Dielectric Constant:	2.10	1.57
Shielding Effectiveness (dBc min.):	-90	-90
Dielectric Withstanding Voltage (KV):	5.0	3.0
Nominal Capacitance (pF/ft):	29.0	26.7
Time Delay (ns/ft):	1.47	1.27
Phase Change vs. Temp (ppm):	9.0	5.0

Contact Flexco Microwave at 800-84-FLEXCO or www.FlexcoMW.com