

Terminating and Sweeping Belden 8214 Coaxial Cable (Tower End) with PL-259 Connector

December 14, 2018



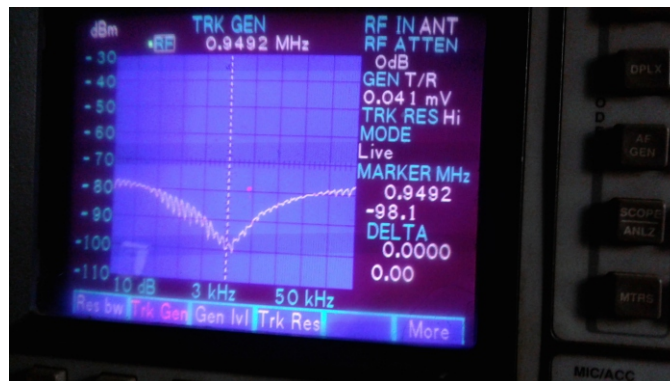
Services by www.DuplexerRepair.com

Terminating and Sweeping Belden 8214 Coaxial Cable (Tower End) with PL-259 Connector

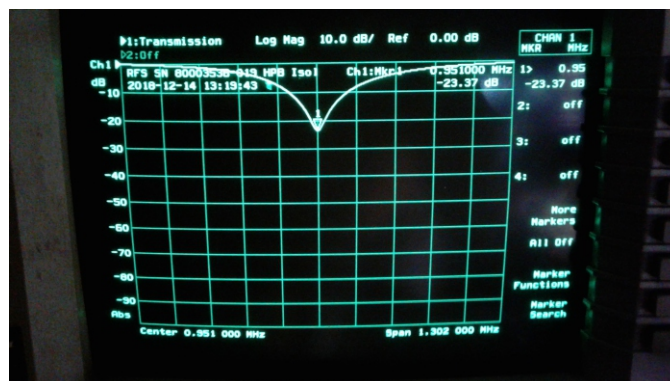
Sweep-Testing for Length & Connector Integrity



IFR-1500S semi-automatic "Fault" function measures cable length as 195.4 feet, based on 0.78 Velocity Factor (VF).



Using tracking generator function of IFR-1500S and 0.9492 MHz as approximate first 1/4-wavelength center frequency, length calculates to be 192.28 feet.



H-P Network Analyzer measures first 1/4-wavelength frequency to be 0.951 MHz, which yields a calculated cable length of 191.92 feet.

Cable terminated, tests good, and is ready for installation on the tower.

Services by www.DuplexerRepair.com