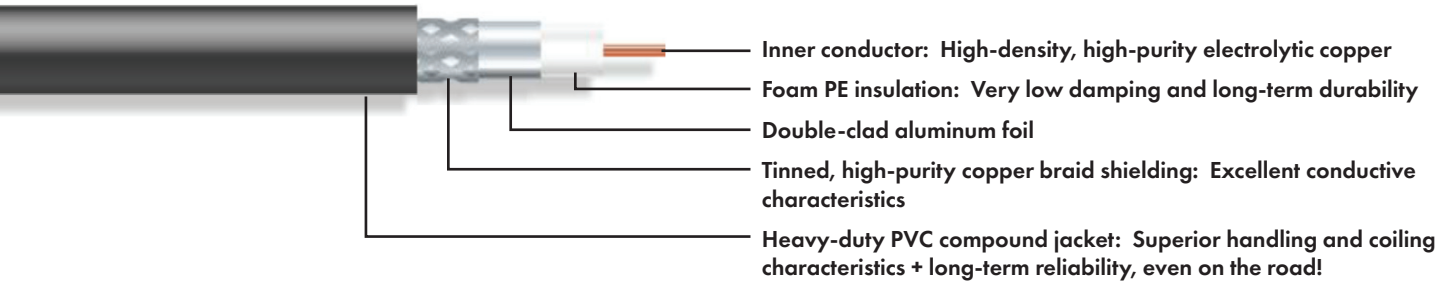
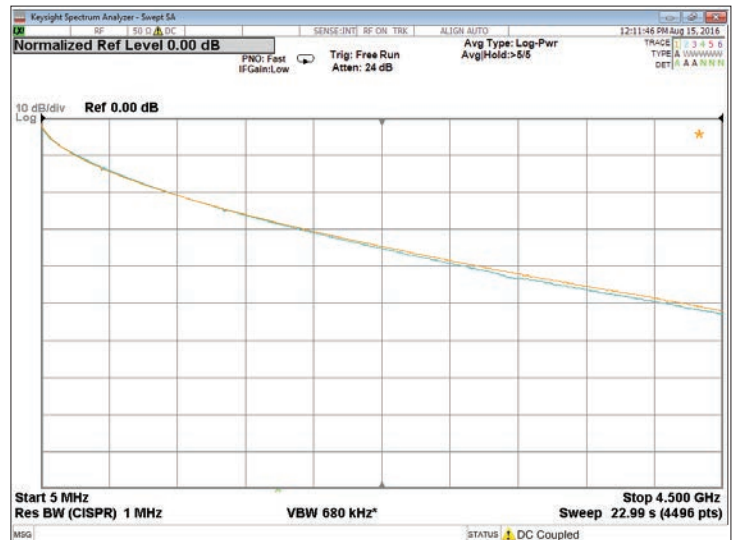
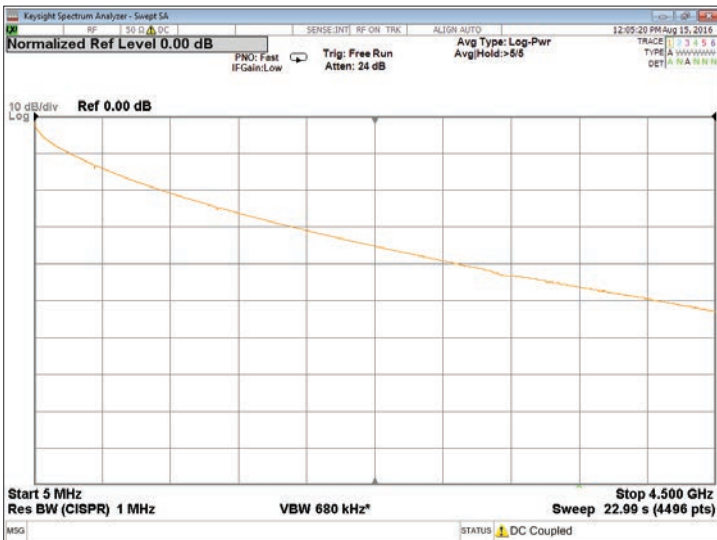
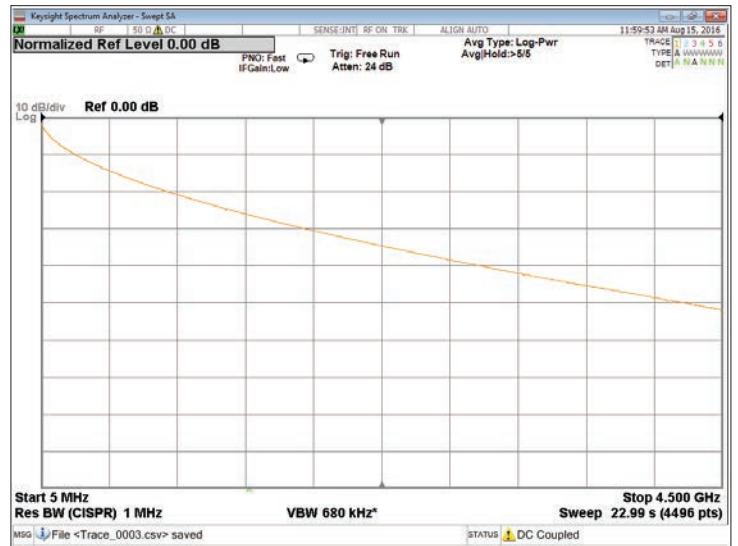
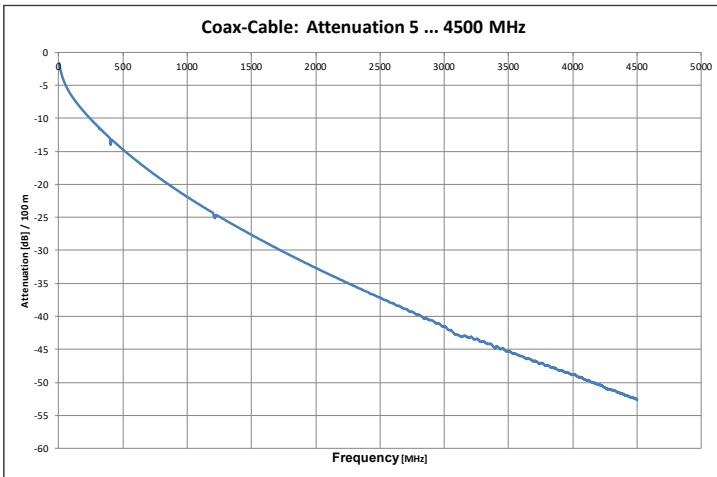


### High-Quality Touring Cable for 4K High-Definition Video



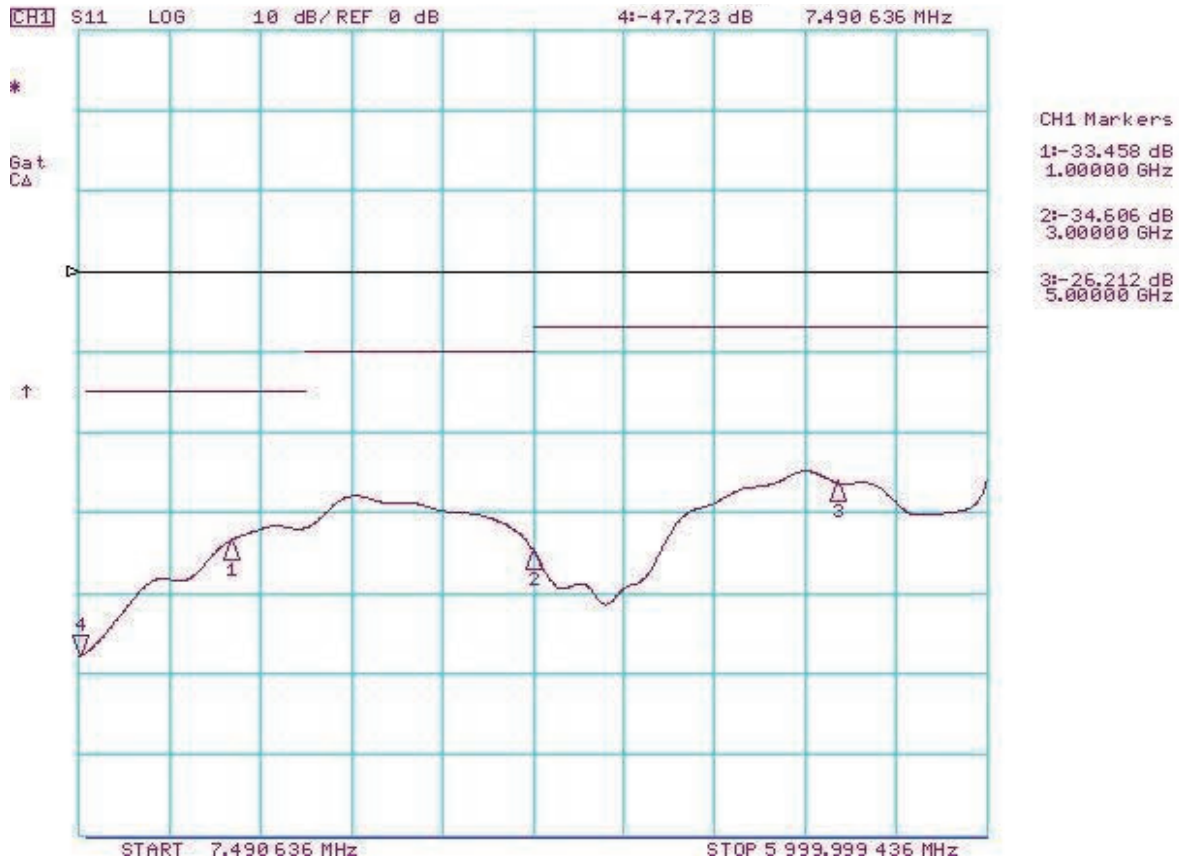
- **Crush resistant. Maintains data integrity even with rough handling.**
- **Significant RL headroom compensates for losses in the system**
- **Flexible. Durable. Built for the Road!**

Specifications				
Conductor	18 AWG [0.82 mm <sup>2</sup> ] [1 mm dia.] solid bare copper			
Insulation	Cellular Polyethylene Nom. Diameter: 0.19 +/- 0.004" [4.8 +/- 0.1 mm]			
Outer Conductor (Shield)	Inner: Aluminum foil, double clad. Outer: Tinned copper braid, 90% coverage.			
Jacket	PVC			
Jacket Color	Black			
Legend	ProPlex PCRG6-5100 75 Ohm 3G Coax Video Cable			
Overall Diameter	0.275" [7 mm] nom.			
Weight	456 lbs. per 1,000' [63 kg/km]			
Bend Radius	2" [50 mm] min.			
Characteristic Impedance	75 Ohms			
Capacitance	55 pF/m nom.			
Velocity of Propagation	0.78			
Attenuation @20 °C (dB 100m)	1 MHz - 0.9 5 MHz - 1.7 10 MHz - 2.2 20 MHz - 2.8	50 MHz - 4.9 100 MHz - 6.3 200 MHz - 9.0 300 MHz - 11.4	500 MHz - 14.9 800 MHz - 18.6 1000 MHz - 20.6 1500 MHz - 25.0	2250 MHz - 31.9 3000 MHz - 37.5
Screening Efficiency	90 dB			
Return Loss	50 – 300 MHz > 25 dB 300 – 3000 MHz > 21 dB			
DC Resistance	Inner conductor: 23 (Ohms/km) Outer conductor: 8 (Ohms/km)			
Testing	Sweep tested to 6 GHz			

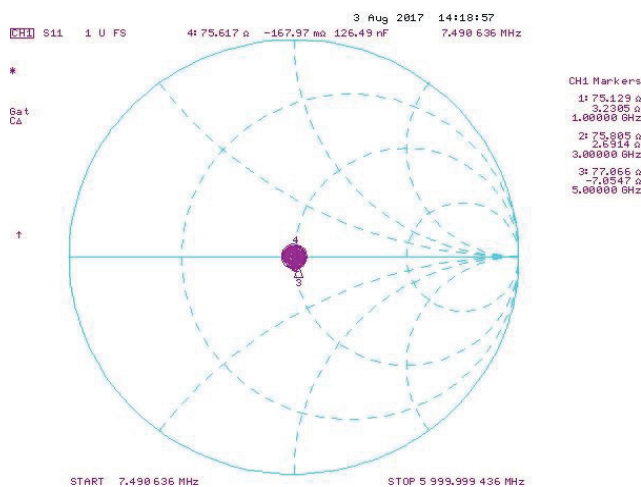


### Testing Data

#### Return Loss Chart



#### Smith Chart



#### Voltage Standing Wave Ratio

