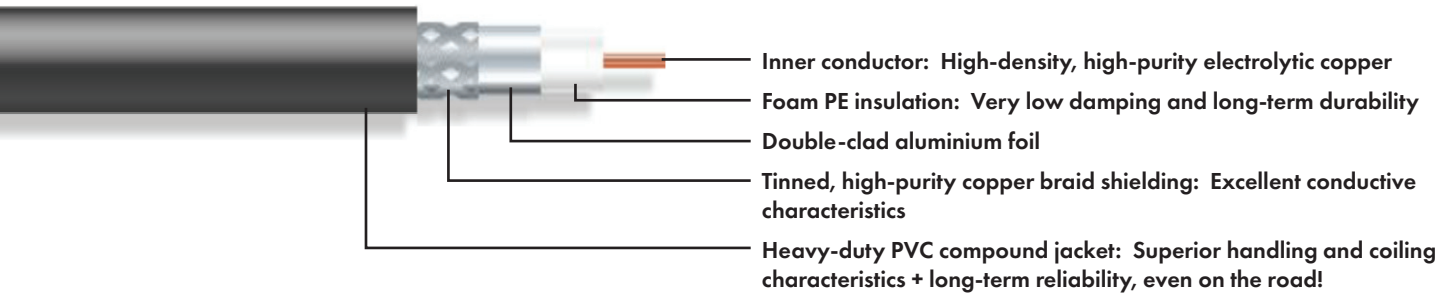


High-Quality Touring Cable for 12G-SDI Ultra High-Definition Video

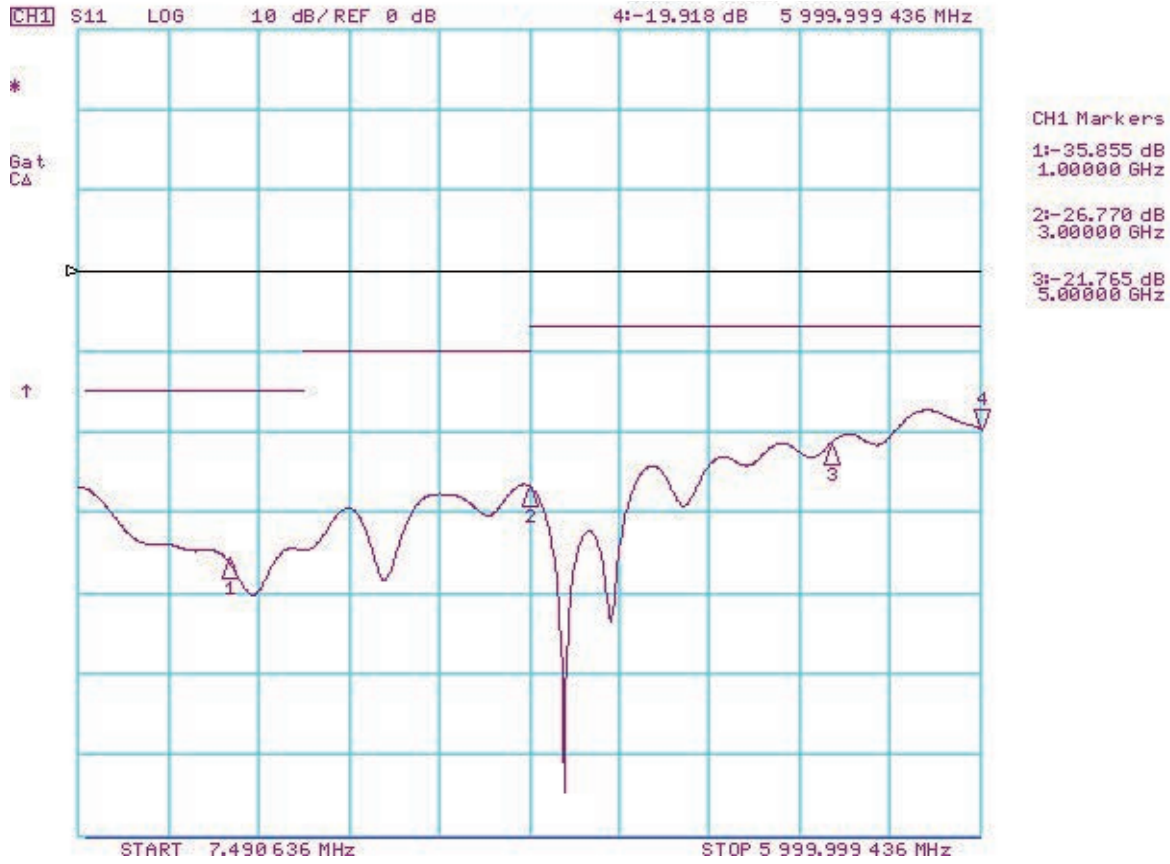


- **Crush resistant. Maintains data integrity even with rough handling.**
- **Significant RL headroom compensates for losses in the system**
- **Flexible. Durable. Built for the Road!**

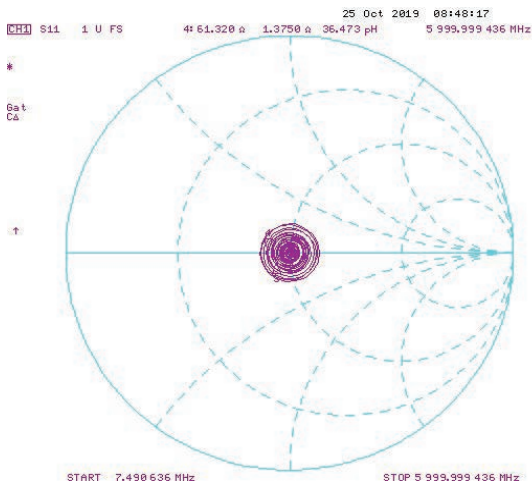
Specifications																	
Conductor	14 AWG [2.08 mm ²] [1.6 mm dia.] solid bare copper																
Insulation	Cellular Polyethylene Nom. Diameter: 0.29 +/- 0.004" [7.3 +/- 0.1 mm]																
Outer Conductor (Shield)	Inner: Aluminium foil, double clad. Outer: Tinned copper braid, 90% coverage.																
Jacket	PVC																
Jacket Colour	Black																
Legend	PROPLEX PCRG11-5160 75 OHM 12G COAX VIDEO CABLE																
Overall Diameter	0.406" +/- 0.008" [10.3 mm +/- 0.2 mm]																
Weight	932 lbs. per 1,000' [129 kg/km]																
Bend Radius	2.75" [70 mm] min.																
Characteristic Impedance	75 Ohms																
Capacitance	56 pF/m nom.																
Velocity of Propagation	0.78																
Attenuation @20 °C (dB 100m)	<table border="0"> <tr> <td>1 MHz - 0.4</td> <td>50 MHz - 2.1</td> <td>500 MHz - 9.5</td> <td>2250 MHz - 23.6</td> </tr> <tr> <td>5 MHz - 0.8</td> <td>100 MHz - 4.0</td> <td>800 MHz - 12.2</td> <td>3000 MHz - 27.1</td> </tr> <tr> <td>10 MHz - 1.4</td> <td>200 MHz - 5.5</td> <td>1000 MHz - 14.0</td> <td></td> </tr> <tr> <td>20 MHz - 1.7</td> <td>300 MHz - 7.3</td> <td>1500 MHz - 17.4</td> <td></td> </tr> </table>	1 MHz - 0.4	50 MHz - 2.1	500 MHz - 9.5	2250 MHz - 23.6	5 MHz - 0.8	100 MHz - 4.0	800 MHz - 12.2	3000 MHz - 27.1	10 MHz - 1.4	200 MHz - 5.5	1000 MHz - 14.0		20 MHz - 1.7	300 MHz - 7.3	1500 MHz - 17.4	
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10 MHz - 1.4	200 MHz - 5.5	1000 MHz - 14.0															
20 MHz - 1.7	300 MHz - 7.3	1500 MHz - 17.4															
Screening Efficiency	> 90 dB																
Return Loss	50 – 300 MHz > 25 dB 300 – 3000 MHz > 21 dB																
DC Resistance	Inner conductor: 9.6 (Ohms/km) Outer conductor: 4.5 (Ohms/km)																

Testing Data

Return Loss Chart



Smith Chart



Voltage Standing Wave Ratio

