



**715FA**  
**EXTRAFLEX TRUNK**  
**75 OHM COAXIAL CABLE**

**DESCRIPTION**

**715FA** – Series 715 Extraflex Trunk Cable : 4.12 mm copper clad aluminum conductor, Fine’s proprietary gas injected PE foam dielectric, TIG welded aluminum tube outer conductor, Flooded for aerial applications and PE jacket.

**CONSTRUCTION DETAILS**

<b>Inner Conductor, mm (inch)</b>	4.12 (0.166)
<b>Dielectric Diameter, mm (inch)</b>	17.42 (0.686)
<b>Outer Conductor Diameter, mm (inch)</b>	18.16 (0.715)
<b>Outer Conductor Thickness, mm (inch)</b>	0.37 (0.0145)
<b>Overall Cable Diameter, mm (inch)</b>	19.94 (0.785)

**ELECTRICAL SPECIFICATIONS**

<b>Network Analyzer Swept Frequency Range</b>	1 – 1000 MHz	
<b>Capacitance, pF/m</b>	50.0 ± 2.0	
<b>Impedance, ohms</b>	75 ± 2	
<b>Velocity of Propagation, %</b>	88 nominal	
<b>Maximum Attenuation @ 20°C at Various Frequencies:</b>	<b>dB/100m</b>	<b>(dB/100 feet)</b>
<b>5 MHz</b>	0.36	0.11
<b>55 MHz</b>	1.18	0.35
<b>250 MHz</b>	2.66	0.81
<b>300 MHz</b>	2.92	0.89
<b>350 MHz</b>	3.18	0.97
<b>400 MHz</b>	3.44	1.05
<b>450 MHz</b>	3.67	1.12
<b>500 MHz</b>	3.90	1.19
<b>550 MHz</b>	4.10	1.25
<b>600 MHz</b>	4.30	1.31
<b>750 MHz</b>	4.89	1.49
<b>870 MHz</b>	5.33	1.63
<b>1000 MHz</b>	5.74	1.75

**PACKAGING**

**Standard Reel Length is nominally 915 meters.**

<b>Cable Weight:</b>	216 kg/km (145 lbs/1000 feet)
<b>Shipping Weight:</b>	237 kg/reel (522 lbs/1000 feet)
<b>Reel Dimensions:</b>	<b>Flange:</b> 1100 mm <b>Drum:</b> 500 mm <b>Traverse:</b> 740 mm