



**625U**  
**TRUNK CABLE**  
**75 OHM COAXIAL CABLE**

**DESCRIPTION**

**625U** – Series 625 Trunk Cable: 3.45 mm copper clad aluminum conductor, Fine’s proprietary gas injected PE foam dielectric, TIG welded aluminum tube outer conductor, unjacketed.

**CONSTRUCTION DETAILS**

<b>Inner Conductor, mm (inch)</b>	3.45	(0.136)
<b>Dielectric Diameter, mm (inch)</b>	14.30	(0.563)
<b>Outer Conductor Diameter, mm (inch)</b>	15.88	(0.625)
<b>Outer Conductor Thickness, mm (inch)</b>	0.79	(0.031)
<b>Overall Cable Diameter, mm (inch)</b>	17.40	(0.685)

**ELECTRICAL SPECIFICATIONS**

<b>Network Analyzer Swept Frequency Range</b>	1 – 1000 MHz	
<b>Capacitance, pF/m</b>	51.2 ± 2	
<b>Impedance, ohms</b>	75 ± 2	
<b>Velocity of Propagation, %</b>	87 nominal	
<b>Maximum Attenuation @ 20°C at Various Frequencies:</b>	<b>dB/100m</b>	<b>(dB/100 feet)</b>
<b>5 MHz</b>	0.43	0.13
<b>55 MHz</b>	1.46	0.45
<b>250 MHz</b>	3.22	0.98
<b>300 MHz</b>	3.54	1.08
<b>350 MHz</b>	3.87	1.18
<b>400 MHz</b>	4.17	1.27
<b>450 MHz</b>	4.43	1.35
<b>500 MHz</b>	4.69	1.43
<b>550 MHz</b>	4.95	1.51
<b>600 MHz</b>	5.17	1.58
<b>750 MHz</b>	5.85	1.78
<b>870 MHz</b>	6.41	1.95
<b>1000 MHz</b>	6.90	2.10

**PACKAGING**

**Standard Reel Length is nominally 750 meters.**

**Cable Weight:** 182 kg/km (122 lbs/1000 feet)

**Shipping Reel Weight:** 181 kg/reel (400 lbs/reel)

**Reel Dimensions:** **Flange:** 1100 mm **Drum:** 500 mm **Traverse:** 450 mm