



625FA
TRUNK
75 OHM COAXIAL CABLE

DESCRIPTION

625FA – 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, Flooded for aerial applications, PE jacket.

CONSTRUCTION DETAILS

| | |
|---|---------------|
| Inner Conductor, mm (inch) | 3.45 (0.136) |
| Dielectric Diameter, mm (inch) | 14.30 (0.563) |
| Outer Conductor Diameter, mm (inch) | 15.88 (0.625) |
| Outer Conductor Thickness, mm (inch) | 0.79 (0.031) |
| Overall Cable Diameter, mm (inch) | 17.40 (0.685) |

ELECTRICAL SPECIFICATIONS

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

PACKAGING

Standard Reel Length is nominally 750 meters.

Cable Weight: 224 kg/km (151 lbs/1000 feet)

Shipping Reel Weight: 213 kg/reel (470 lbs/reel)

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