



700M
EXTRAFLEX TRUNK
75 OHM COAXIAL CABLE

DESCRIPTION

700M – Series 700 Extraflex Trunk Cable: 4.14 mm copper clad aluminum conductor, Fine’s proprietary gas injected PE foam dielectric, TIG welded outer aluminum tube conductor, 4.78 mm stranded galvanized steel messenger and PE jacket.

CONSTRUCTION DETAILS

Inner Conductor, mm (inch)	4.14	(0.163)
Dielectric Diameter, mm (inch)	16.65	(0.656)
Outer Conductor Diameter, mm (inch)	17.86	(0.701)
Outer Conductor Thickness, mm (inch)	0.63	(0.025)
Overall Cable Diameter, mm (inch)	19.40	(0.764)
Steel Messenger OD, mm (inch)	4.78	(0.188)

ELECTRICAL SPECIFICATIONS

Network Analyzer Swept Frequency Range	1 – 1000 MHz	
Capacitance, pF/m	50.0 ± 2.0	
Impedance, ohms	75 ± 2	
Velocity of Propagation, %	89 nominal	
Maximum Attenuation @ 20°C at Various Frequencies:	dB/100m	(dB/100 feet)
5 MHz	0.36	0.11
55 MHz	1.21	0.37
250 MHz	2.68	0.82
300 MHz	2.95	0.90
350 MHz	3.20	0.98
400 MHz	3.42	1.04
450 MHz	3.66	1.12
500 MHz	3.90	1.19
550 MHz	4.11	1.25
600 MHz	4.29	1.31
750 MHz	4.90	1.49
870 MHz	5.29	1.61
1000 MHz	5.73	1.75

PACKAGING

Standard Reel Length is nominally 760 meters.

Cable Weight: 372 kg/km (250 lbs/1000 feet)

Shipping Reel Weight: 335 kg/reel (749 lbs/reel)

Reel Dimensions: **Flange:** 1100 mm **Drum:** 500 mm **Traverse:** 740 mm