



565M
EXTRAFLEX TRUNK
75 OHM COAXIAL CABLE

DESCRIPTION

565M – Series 565 Extraflex Trunk Cable: 3.28 mm copper clad aluminum conductor, Fine’s proprietary gas injected PE foam dielectric, galvanized steel messenger, TIG welded aluminum tube outer conductor, 4.78 mm galvanized stranded steel messenger and PE jacket.

CONSTRUCTION DETAILS

Inner Conductor, mm (inch)	3.28	(0.129)
Dielectric Diameter, mm (inch)	13.18	(0.519)
Outer Conductor Diameter, mm (inch)	14.35	(0.565)
Outer Conductor Thickness, mm (inch)	0.58	(0.023)
Overall Cable Diameter, mm (inch)	15.88	(0.625)
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	
Impedance, ohms	75 ± 2	
Velocity of Propagation, %	89 nominal	
Structural Return Loss, dB minimum	-30	
Maximum Attenuation @ 20°C at Various Frequencies:	dB/100m	(dB/100 feet)
5 MHz	0.46	0.14
55 MHz	1.54	0.47
250 MHz	3.37	1.03
300 MHz	3.70	1.13
350 MHz	4.03	1.23
400 MHz	4.32	1.32
450 MHz	4.58	1.40
500 MHz	4.88	1.49
550 MHz	5.13	1.56
600 MHz	5.39	1.64
750 MHz	6.08	1.85
870 MHz	6.61	2.02
1000 MHz	7.11	2.17

PACKAGING

Standard Reel Length is Nominally 750 meters – longer lengths are available.

Cable Weight: 311 kg/km (209 lbs/1000 feet)

Shipping Weight: 275 kg/reel (606 lbs/reel)

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