



RG-7/80TRI
DROP CABLE
75 OHM COAXIAL CABLE

DESCRIPTION

RG-7/80TRI – No 16 AWG copper conductor, Fine’s proprietary gas injected PE foam dielectric, bonded aluminum shielding tape, 80% coverage aluminum wire braid, non-bonded aluminum shielding tape, overall black PVC jacket.

CONSTRUCTION DETAILS

Inner Conductor, mm (inch)	1.29	(0.0508)
Dielectric Diameter, mm (inch)	5.72	(0.225)
Outer Conductor Diameter, mm (inch)	5.92	(0.233)
Overall Cable Diameter, mm (inch)	8.20	(0.323)

ELECTRICAL SPECIFICATIONS

Network Analyzer Swept Frequency Range	1 – 1000 MHz	
Capacitance, pF/m	53 ± 2	
Impedance, ohms	75 ± 3	
Velocity of Propagation, %	85 nominal	
Structural Return Loss, dB	-20 minimum	
Maximum Attenuation @ 20°C at Various Frequencies:	dB/100m	(dB/100 feet)
5 MHz	1.11	0.34
55 MHz	3.05	0.93
250 MHz	6.40	1.95
300 MHz	7.02	2.14
350 MHz	7.61	2.32
400 MHz	8.13	2.48
450 MHz	8.76	2.67
500 MHz	9.32	2.84
550 MHz	9.84	3.00
600 MHz	10.30	3.14
750 MHz	11.71	3.57
870 MHz	12.76	3.89
1000 MHz	13.81	4.21

PACKAGING

Standard Reel Length:	1000'
Shipping Weight:	83 kg/km 56 lbs/1000 feet
Reel Dimensions:	Flange: 550 mm Drum: 200 mm Traverse: 300 mm