



RG-6/90M
DROP CABLE
75 OHM COAXIAL CABLE

DESCRIPTION

RG-6/90M – No 18 AWG solid copper conductor, Fine’s proprietary gas injected PE foam dielectric, bonded aluminum shielding tape, 90% coverage aluminum wire braid, 1.30 mm galvanized steel messenger, overall black PVC jacket.

CONSTRUCTION DETAILS

Inner Conductor, mm (inch)	1.02	(0.040)
Dielectric Diameter, mm (inch)	4.57	(0.180)
Outer Conductor Diameter, mm (inch)	4.76	(0.187)
Overall Cable Diameter, mm (inch)	6.93	(0.273)
Steel Messenger Diameter, mm (inch):	1.30	(0.051)
Minimum Messenger Break Strength, N (lbs):	800	(180)
Cable Width – Web direction, mm (inch):	10.9	(0.428)

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	2.50	0.76
55 MHz	6.17	1.87
250 MHz	12.83	3.91
300 MHz	14.11	4.30
350 MHz	15.39	4.69
400 MHz	16.35	4.98
450 MHz	17.60	5.36
500 MHz	18.25	5.56
550 MHz	19.42	5.92
600 MHz	20.33	6.20
750 MHz	22.87	6.97
870 MHz	24.78	7.55
1000 MHz	26.60	8.11

PACKAGING

Standard Reel Length:	1000'
Shipping Weight:	71 kg/km 48 lbs/1000 feet
Reel Dimensions:	Flange: 370 mm Drum: 133 mm Traverse: 300 mm