



# Multicom RG6-90 Messenger Drop Cable

## Product Specifications

### Key Features

- ◇ 18 AWG copper covered steel center conductor
- ◇ Gas expanded polyethylene dielectric
- ◇ 1,000 foot reels
- ◇ Swept to 3,500 MHz
- ◇ Aluminum-polypropylene-aluminum laminated tape with overlap bonded to dielectric
- ◇ 90% aluminum braid
- ◇ Jacket: PVC

### Specifications

Physical Dimensions	Inches	mm
Nominal Center Conductor Diameter	0.040	1.02
Nominal Diameter Over Dielectric	0.180	4.57
Nominal Diameter Over First Shield (Tape)	0.187	4.75
Nominal Diameter Over Jacket	0.278	7.06
Nominal Jacket Wall Thickness	0.030	0.76
Nominal Diameter of Steel Messenger	0.051	1.30
Mechanical Characteristics	Lbs.	Kgs.
Minimum Breaking Strength of Messenger	180	82
Electrical Characteristics		
Nominal Impedance	75 ohms	
Nominal Velocity of Propagation	85%	

### Attenuation (@68° F / 20°C)

Frequency (MHz)	Max (dB/100ft.)	Max (dB/100m)
5	0.58	1.90
55	1.60	5.25
450	4.40	14.43
750	5.65	18.54
1000	6.55	21.49
1750	8.88	29.13
2000	9.38	30.78
3000	11.60	38.06
3500	12.82	42.05

### Description

Multicom's RG6 coaxial cable for aerial applications includes an integrated .051 inch messenger wire for support in aerial installations. Cable jacket is a black PVC for environmental protection.

**M690-BVM**

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