



## Product Specifications

### Standard Construction

18 gauge [0.040 in. (1.02 mm)] copper covered steel center conductor; gas expanded polyethylene dielectric; inner shield aluminum-polymer-aluminum laminated tape with overlap bonded to dielectric; outer shield of 34 AWG bare aluminum braid wire; jacket of black polyvinylchloride or polyethylene (flooded). Nominal O.D. 0.272 in. (6.91 mm).



Coaxial Cable  
RG6- 60% Braid

### Physical Dimensions

Component	Standard Shield	
	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	0.272	6.91
Nominal Jacket Wall Thickness	0.030	0.76
Nominal Diameter of Steel Messenger	0.051	(single) 1.30
	0.072	(dual) 1.83

### Mechanical Characteristics

Minimum Breaking Strength of Messenger	(0.051)	180 lbs.	82kg <sub>f</sub>
	(0.072)	365 lbs.	166kg <sub>f</sub>

### Electrical Characteristics

Nominal Impedance	75 ohms
Nominal Velocity of Propagation	85%

### Attenuation [ @ 68° F. (20° C.) ]

Frequency (MHz)	Maximum (dB/100 ft)	Maximum (dB/100 m)
5	0.58	1.90
55	1.60	5.25
83	1.95	6.40
187	2.85	9.35
211	3.05	10.00
250	3.30	10.82
300	3.55	11.64
350	3.85	12.63
400	4.15	13.61
450	4.40	14.43
500	4.66	15.29
550	4.90	16.08
600	5.10	16.73
750	5.65	18.54
865	6.10	20.01