

UL Listed-Single 3GHz RG6U Solid Coaxial Cable w/Solid Copper Center Conductor & 60% Braided Shielding (Non-Plenum)

Model 39B2

**Solid Copper Center Conductor, 60% Braid 3GHz Swept Tested
UL & CMX Rating, UV Inhibitor**



39B2

Coax Code Color Code Box Code

RG6U Coaxial Cable

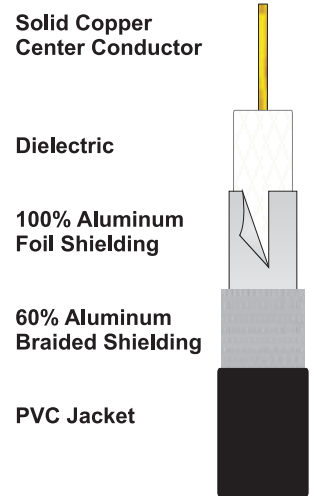
Color Codes: [B] Black, [W] White, [G] Gray, [A] Beige (Black stocked at PBI, others may require special order)
Box Codes: [1] Pull Box (single only), [2] Reel - in - Box (single only), [3] Spool (packaged in a box)

Center Conductor:
Solid Copper 18 AWG
Diameter (Nom.) .04"

Dielectric:
Foam Polyethylene
Diameter over Dielectric: .18" (Nom.)

Shielding:
Foil: Aluminum/Poly Tape (Bonded)
Braid: 36 AWG Aluminum
60% Coverage
Diameter (Nom.) 0.212"

Jacket:
FR-PVC
Diameter over Jacket: 0.272" ±.008"
Jacket Thickness (Nom.): 0.03"



Attenuation	MHz	dB/100'
	1	.25
	10	.66
	50	1.41
	100	1.92
	200	2.64
	400	3.73
	700	5.05
	900	5.79
	1000	6.11
	1200	6.73
	1450	7.49
	1800	8.43
	2200	9.35
	3000	11.38

Electrical Properties:

Sparker Test: 4000 VAC
Dielectric Strength: Conductor to Shield: 2500 VDC
Capacitance: 16.0 pF./FT (Nom.)
Impedance: 75.0 ± 3.0Ω
Velocity of Propagation: 82.0% (Nom.)
DCR:
 Conductor: 6.4Ω/1000 Ft. (Nom.)
 Shield: 8.75Ω/1000 Ft. (Nom.)
SRL: 20dB (5 - 1000 MHz)
15dB (1001 - 3000 MHz)
100% Swept Tested

Mechanical Properties:

Minimum Bend Radius:
 Loaded: 20 Times Cable OD
 Unloaded: 10 Times Cable OD
Cable Temperature Rating:
 Temperature: -40° - +80°C