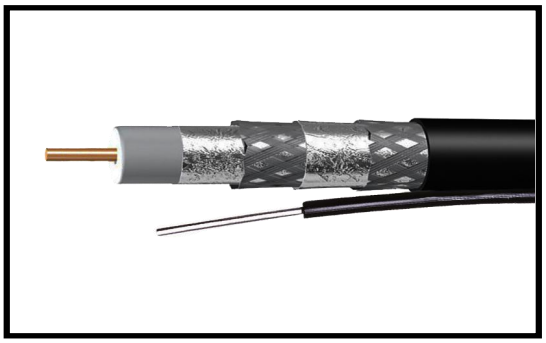
RG6-60MBR-M RG-6 Messengered Coaxial Cable 60% Braid, UL Listed, 3 GHz



The Toner RG6-QSMBR-M RG-6 coax cable is for distribution of both analog and digital television signals. It is ideally suited for Direct TV or Dishnet installations, antenna installations, Cable TV and other high frequency applications.

The cable features an 18 gauge copper clad steel center conductor, a gas expanded foamed polyethyl-ene dielectric, a sealed APA laminated tape shield bonded to the dielectric, quadshield, 0.51 steel messenger and a protective UV resistant PVC outer jacket.

Ordering Information

RG-6 quadshield messengered	1000 ft	Reel, Black	**RG6-QSMBR-M**

Specifications

Braid Coverage	Quadshield
Center Conductor	0.0403” 18 AWG copper clad steel
Dielectric	0.180” gas expanded foam
Sealed APA Tape	0.188”
Aluminum Braid	0.212” 34 AWG
Jacket PVC, Riser Rated, UV Resistant	0.273”
Ohms per 1000 ft DC Resistance	
Center Conductor	26.6
Outer Conductor	9.13
Loop	39.6
Nominal Capacitance	15.9 pF/Ft
Impendance	75 ± 3 Ohms
Return Loss	> 22 dB
Velocity of Propagation	85% nominal

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Construction Parameters:

Inner Conductor	0.040"/1.02mm/18AWG CCS
Dielectric	0.180"/4.57mm Foamed PE
Shield 1	0.187"/4.75mm Bonded Aluminum PET
Shield 2	Aluminum Aluminum braid wire 60% coverage
Shield 3	Aluminum PET Aluminum (APA)
Shield 4	Aluminum braid wire 40% coverage
Jacket	0.297"±0.006"/7.54±0.15mm PVC
Jacket Thickness	0.030"/0.76mm
Messenger	0.051"/1.30mm
Minimum Breaking Strength	180lbs./82kg
Application	For Use in Longer CATV Run Lengths

Electrical Characteristics:

Inner Conductor Resistance	The Max. at 20℃ shall be < 87 Ω/km 26.6Ω/1000ft
Capacitance	52 ±3 pF/m 15.9 ±0.9 pF/ft
Impedance	75 ± 3 Ω
Return loss	between 5 and 1000MHz: > 22dB
Velocity of Propagation	0.85
Sparker Test (VAC)	4

Mechanical and Environmental Properties:

Cable Bend Radius	10 times the cable diameter
Operating Temp Range	-20°C to 60°C

Attenuation(20ÁC):

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
5	0.58	1.9
55	1.6	5.25
83	1.95	6.4
187	2.85	9.35
211	3.05	10
250	3.3	10.82
300	3.55	11.64
350	3.85	12.63
400	4.15	13.61
450	4.4	14.43
500	4.66	15.29
550	4.9	16.08
600	5.1	16.73
750	5.65	18.54
865	6.1	20.01
1000	6.55	21.49

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