

RG6-77TS RG6 77% Trishield Cable Series

Our RG6 coax cable is for distribution of both analog and digital television signals. It is ideally suited for DirecTV 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 polyethylene dielectric, 77% aluminum braid shield, a second APA laminated tape and a protective UV resistant PVC outer jacket.



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 Polypropylene
Shield 2	34 AWG Aluminum braid wire 77% coverage
Shield 3	Laminated Aluminum Tape(Non-Bonded)
Messenger	0.051"/1.30mm
Minimum Breaking Strength	180lbs./82kg
Jacket	0.272"/6.91mm PVC
Jacket Thickness	0.030"/0.76mm

Electrical Characteristics:

Inner Conductor Resistance	100.52Ω/KM 30.65Ω/1000ft
Capacitance	52 ±3 pF/m 15.9 ±0.9 pF/ft
Impedance	75 ± 3 Ω

Frequency (MHZ)	Min.Structrual Return Loss(SRL)
5-1000 MHz	20 dB
1000-2250 MHz	15 dB
2250-3000 MHz	10 dB

Velocity of Propagation	0.85
Sparker Test (VAC)	4

Mechanical and Envrionmental Properties

Cable bend radius	10 times the cable diameter
Operating Temp Range	-20 °C to 60°C
Cable dimensions	0.272"/6.91mm PVC



RG6-77TSBB-M
Standard

RG6-77TSMBR-M
Messengered

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Attenuation(20°C):

Frequency (MHZ)	Max Attenuation(dB/100ft)	Max Attenuation (dB/100m)
5	0.69	2.10
55	1.60	5.25
187	2.85	9.35
300	3.55	11.64
450	4.40	14.43
600	5.10	16.73
750	5.65	18.54
865	6.10	20.01
1000	6.55	21.49
1450	7.98	26.16
1800	8.46	27.73
2100	9.50	31.15
2250	10.00	34.03
3000	12.49	38.10

Ordering Information

Model	Description
RG6-77TSBB-M	RG6 77% Trishield 1000' Box
RG6-77TSMBR-M	RG6 77% Trishield Messengered 1000' Reel