

RG6 series

CABLETECH

PART NO.	DESCRIPTION
A-660-S	RG-6 Standard Cable, Bonded Foil 60% Braid, PVC Jacket
A-660-T	RG-6 Tri-Shield Cable, Bonded Foil 60% Braid, PVC Jacket
A-660-Q	RG-6 Quad-Shield Cable, Bonded Foil 60%+ 42% Braid, PVC Jacket



RG-6 Coaxial Cable, Bonded foil 60% Braid, PVC Jacket

Construction:	STANDARD	TRI-SHIELD	QUAD-SHIELD
1. Center Conductor:	Dia. 1.02mm Copper Clad Steel (CCS), bonded to Dielectric		
2. Dielectric:	Foam polyethylene: HDPE		
DIA. over Dielectric	4.57mm Nom.		
3. Shield: Foil.	Aluminum laminated foil, bonded to dielectric		
Shield: 2nd Foil	N/A	Aluminum laminated foil	Aluminum laminated foil
4. Braid:	Aluminum wire 60% coverage		
Braid : 2nd Braid	N/A	N/A	Aluminum wire
	N/A	N/A	42% coverage .
5. Jacket:	PVC		
DIA. Over jacket	6.91mm	7.06mm	7.62mm
NOM. Jacket Thickness:	0.80mm	0.8mm	0.86mm
Mechanical properties:			
Loaded:	20 times cable OD		
Unloaded	10 times cable OD		
Cable Temp. Rating:	Temp: -20 to 70C		
Electrical properties:			
Sparker Test:	4000VAC		
Dielectric Strength:	Conductor to Shield: 2000VAC		
Capacitance:	53.2pF/m .NOM.		
Impedance:	75 +/- 3 ohms @5-1000MHZ		
Velocity of Propagation:	83%		
DC Resistance:	Inner Conductor: 98 ohms/km		
	Outer Conductor: 35 ohms/km		
Return Loss:	Guaranteed		
5MHz-300MHz	30dB		
300MHz-1000MHz	25dB		
Attenuation:			
@Frequency Range	dB/100m		
5MHz	1.90		
42MHz	4.59		
55MHz	5.25		
85MHz	6.48		
250MHz	10.82		
300MHz	11.64		
350MHz	12.63		
400MHz	13.61		
450MHz	14.43		
500MHz	15.09		
550MHz	16.08		
600MHz	16.73		
750MHz	18.54		
870MHz	20.07		
1000MHz	21.49		

Specification given are for guidance only and may be subject to change without prior notice