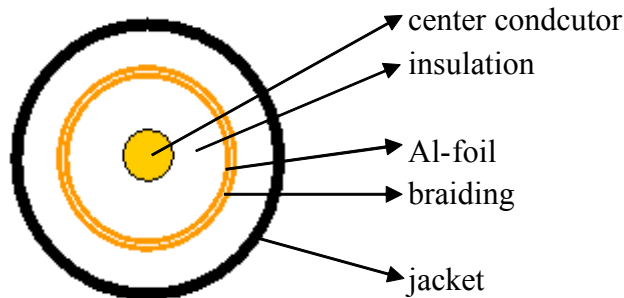


Coaxial Cable

RG6

Cross Section



Construction	
Center conductor:	copper clad steel
AWG:	18
Dia.:	1.02mm
Insulation:	Foam PE with skin
Norm. thickness:	1.78mm
insulation Dia.:	4.57 +/- 0.08mm
Al-maylar shield (overlap): $\geq 25\%$	
Braiding Shield:	Aluminium wire
Construction:	16*4/0.16mm
Coverage:	$\geq 60\%$
Jacket:	PVC
Norm. thickness:	0.80mm
Min. thickness:	0.60mm
Out Dia.	6.8 +/- 0.2mm
Rated Temperature:	75 deg.
Product standard certificate:	UL
Flammability test:	CM, CMG
Dielectric strength (kv/min): 1.0	
Impedence (ohms)	75+/-3
Capacitance (PF/m)	53.1
Cond. DCR at 20 deg. (ohms/km):	≤ 119
Velocity of propagatio	≥ 82

Performance	
Electrical Characteristics:	
Fequency (MHz)	Attenuation (db/100m)
5	2.66
55	5.25
250	11.02
300	12.14
350	13.15
400	14.11
450	15.03
500	15.88
600	17.52
1000	22.97
1250	25.00
2200	34.00
Mechanical Characteristics:	
Test Object:	jacket
Test Material:	PVC
Before Tensile Strength (Mpa):	≥ 1.034
Aging Elongation (%):	≥ 200
Aging condition (deg./hrs):	113 +/-1.0, 168
After Tensile Strength (Mpa):	$\geq 85\%$ unaged
Aging Elongation (%):	$\geq 50\%$ unaged
Cold Bend (-20+/-2 deg._4h):	no crack
Jacket impact test (-15deg.):	no crack
Jacket longitudinal shrinkage (%)	≤ 5
Center conductor bond to dielectric (N):	≥ 2.3