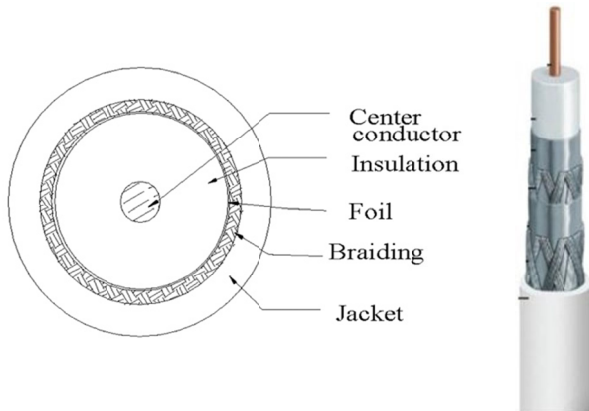


RG-6/U 60% Dual Shield Plenum (CMP) Coaxial Cable

Cable Detail



Approval



VERIFIED

Applicable Standards

- RG-6/U 60% Plenum CATV 75 Ω Coaxial Cable
- Reference Standard
NEC ARTICLE 800.820

Physical Characteristics

Conductor	Solid	Copper Clad Steel
AWG		18
Diameter	(inches)	0.040
Insulation Material		Foam FEP
Insulation Diameter	(inches)	0.170
Braid Shield		Aluminum
Tape Shield	Bonded	Aluminum / Poly
Coverage Area	(%)	60
Nom. Diameter	(inches)	0.201
Jacket Material		Plenum Polymer
Nominal Thickness	(inches)	0.013
Cable Diameter	(inches)	0.232
Nominal Weight	1000 ft.	30 lbs.

Electrical Characteristics

Temperature Rating	-20 to 60 (°C)
Impedance	75 (± 3.0 Ohms)
Capacitance	15.5 (pF/ft.)
Conductor DCR@20°C	28.6 (ohms/1000ft)
Velocity of Propagation	84 (%)
RoHS Compliant	Yes

Electrical Performance

Frequency (MHz)	Attenuation (dB/100FT)	Frequency (MHz)	Attenuation (dB/100FT)
1	0.40	900	7.30
10	0.92	1000	7.90
50	1.60	1200	8.40
100	2.20	1450	9.70
200	3.00	1800	11.00
400	4.33	2200	12.00
700	6.25	3000	14.00

Cable Marking

XXXXXX 18AWG CMP FT6 RG6/U VERIFIED TO C(UL)US
CATV SWEPT TO 3.0 GHZ ****FT