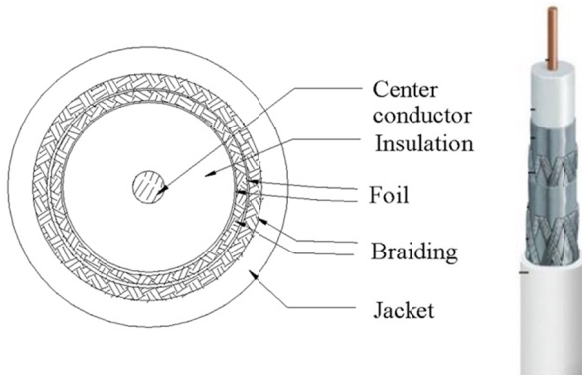


RG-6 Quad Shield Plenum (CMP) Coaxial Cable

Cable Detail



Approval



Applicable Standards

- RG-6 Quad Plenum CATV 75 Ω Coaxial Cable
- Reference Standard
NEC ARTICLE 800

Physical Characteristics

Conductor	Solid	Copper Clad Steel
AWG		18
Diameter	(inches)	0.040
Insulation Material		Foam FEP
Insulation Diameter	(inches)	0.170
Inner Shield Foil		Aluminum / Poly Tape
Inner Shield Braid		Aluminum
Coverage Area	(%)	60
Nom. Diameter	(inches)	0.200
Outer Shield Foil		Aluminum / Poly Tape
Outer Shield Braid		Aluminum
Coverage Area	(%)	40
Nom. Diameter	(inches)	0.228
Jacket Material		Plenum Polymer
Nominal Thickness	(inches)	0.013
Cable Diameter	(inches)	0.260
Nominal Weight	1000 ft.	35 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 QUAD SHIELD VERIFIED TO C(UL)US CATV SWEPT TO 3.0 GHZ ****FT