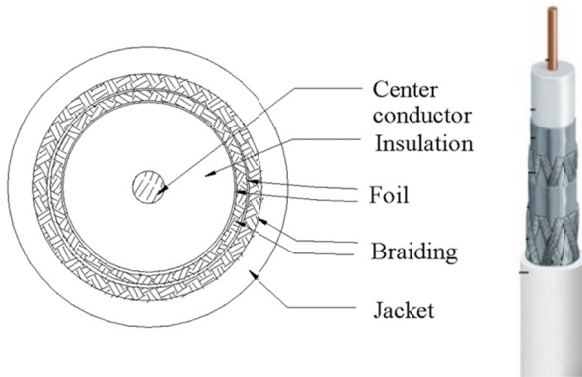


# RG-6 Quad Shield Plenum (CMP) Coaxial Cable

## 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