

# RG-6/U Plenum Coaxial Cable



## APPLICATION:

RG-6/U Plenum Coaxial Cables are suitable for use in RF signal transmission in CATV and CCTV applications.

## CONDUCTORS:

- BC – Bare Copper Conductor, per ASTM B3, B258

## DIELECTRIC:

- Foamed FEP

## JACKET:

- White plenum rated PVC

## STANDARDS:

- UL 444
- **RG6/U PLENUM CATV:** NEC Type CATVP, CMP
- **RG6/U PLENUM CCTV:** NEC Type CCTV, CMP
- ETL Listed
- Operating Temperature -5°C to 75°C

Part Number	Conductor Size	Conductor Diameter	Dielectric Diameter	Cable Diameter	DCR*	Impedance	Capacitance	Velocity of Propagation	Weight
	AWG	inches	inches	inches	Ω/kft	Ohm	pF/ft.	%	lbs./kft
RG6/U PLENUM CATV	18	0.040	0.170	0.230	6.4	75	15.8	84	30
RG6/U PLENUM CCTV	18	0.040	0.170	0.225	6.4	75	15.8	84	36

All values are nominal and subject to correction

\*Conductor resistance at 68°F/20°C

Part Number	Conductor Type	Insulation Material	Shield Type & Coverage
RG6/U PLENUM CATV	BC	Foamed FEP	100% AL Foil + 90% AL Braid
RG6/U PLENUM CCTV	BC	Foamed FEP	95% BC Braid

RG6/U PLENUM CATV	
Attenuation	
Frequency	@68°F / 20°C
MHz	dB/100 ft.
10	0.80
50	1.65
100	2.17
200	3.02
400	4.41
600	5.63
700	6.19
900	7.14
1000	7.65
1450	9.56
2200	11.68
3000	13.05

RG6/U PLENUM CATV	
Attenuation	
Frequency	@68°F / 20°C
MHz	dB/100 ft.
1	0.10
10	0.44
50	1.06
100	1.46
200	2.17
400	3.25
700	4.65
900	5.47
1000	5.85
1450	7.47
1800	8.50



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