

RG-6/U Coaxial Cable



APPLICATION:

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

CONDUCTORS:

- CCS – Copper Clad Steel, per ASTM B869

DIELECTRIC:

- Gas expanded polyethylene (PE)

JACKET:

- Flame retardant PVC

STANDARDS:

- UL 444/C22.2 No. 214
- NEC CM, CATV, CL2
- CEC
- UL or ETL listed
- **RG6/U60%DIRBUR**: Direct Burial Rated

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/U60%/CMG/FT4	18	0.040	0.180	0.273	28.9	75	16.5	85	30
RG6/U60%DIRBUR	18	0.040	0.180	0.273	28.9	75	16.5	85	30

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/U60%/CMG/FT4	CMG	Cellular Polyethylene	100% AL Foil + 60% AL Braid
RG6/U60%DIRBUR	CM	Cellular Polyethylene	100% AL Foil + 60% AL Braid

Attenuation	
Frequency	@68°F / 20°C
MHz	dB/100 ft.
5	0.58
50	1.48
100	2.01
200	2.86
400	4.23
700	5.96
900	6.96
1000	7.45
1200	8.25
1450	9.34
1800	10.69
2200	11.54
2500	11.70
3000	13.07

