

RG-59 Coaxial Cable



APPLICATION:

RG-59 Coaxial Cables are suitable for use in RF signal transmission in MATV and CATV applications.

CONDUCTORS:

- Solid CCS – Copper Clad Steel, per ASTM B800, B869

DIELECTRIC:

- Gas expanded polyethylene (PE)

JACKET:

- Flame retardant PVC

STANDARDS:

- UL 444 CM
- NEC CM, CATV

Part Number	Conductor Size	Conductor Diameter	Dielectric Diameter	Cable Diameter	DCR*	Shield DCR*	Impedance	Capacitance	Velocity of Propagation	Weight
	AWG	inches	inches	inches	Ω /kft	Ω /kft	Ohm	pF/ft.	%	lbs./kft
RG59U40%	20	0.032	0.144	0.237	43.2	14.9	75	16.5	85	25

All values are nominal and subject to correction

*Maximum conductor resistance at 68°F/20°C

Part Number	Conductor Type	Insulation Material	Shield Type & Coverage
RG59U40%	CCS	Gas Injected PE	100% AL Foil + 40% AL Braid

Attenuation	
Frequency	@68°F / 20°C
MHz	dB/100 ft.
55	2.05
83	2.45
187	3.60
211	3.80
250	4.10
300	4.45
350	4.80
400	5.10
450	5.40
500	5.70
550	5.95
600	6.20
750	6.97
865	7.52
1000	8.12

