

# RG59/U Coaxial and Signal Cables

Compatible with Digital Cable TV, Cable Internet, and radio signals. Compatible with Antennas, Ham radios and other wide range wireless.

## Application:

To meet the needs of today's sophisticated, high-speed, wide bandwidth electronics over long distances, with minimum signal loss or degradation, suitable for varied mechanical, thermal and electronic properties of Coaxial ,suitable for low power video signal and RF connection.

## Specification:

**TechLine/Amwaj** RG59/U cables are designed and tested according to MIL-C-17.

RG-59/U Cable:

- R : Radio Frequency
- G : Government
- 6 : Government-assigned approval number
- U : Universal specification

## Construction:

### Conductor

Annealed solid copper clad steel (CCS) conductor.

### Insulation

Physical cellular foam polyethylene.

### Shield

Aluminum polyester tape with aluminum wire braids

### Sheath

PVC flame retardant and sunlight resistant with temperature rating 70 °C at normal operation.

## Packing:

Very modern packing available in standard length of 1000 and 300 feet coils

## Marking:

**TechLine** AMWAJ COAXIAL CABLE RG59/U 75 OHM MIL-C-17

## Technical Data:

Conductor diameter	Insulation diameter	Shielding	Outer diameter	Nominal impedance	Nominal capacitance	Nominal attenuation at 20 °C			Ordering Information
						MHz		dB/100M	
mm	mm	%	mm	Ω	Pf/M				Item code
1.02	3.7	100%AL/PET	6.15	75 ± 2	52 ± 2	50	≤	8	RG59AL40%P
		40% AL Briad				100	≤	10	
		300				≤	16		
		450				≤	20		
		800				≤	25		
		1000				≤	29		

