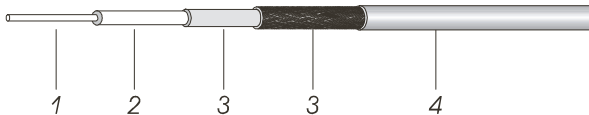


**CATV  
COAXIAL  
CABLE**

**CATV network distribution:**

- Providing reliable transmission and anti-noise effects for double way network.
- With physical foaming dielectric preventing penetration of water and gas.
- Special braiding design with excellent engineering performance.
- Stable property and long service life.

# RG59 T CATV Coaxial Cable



### Construction Specification

	Material	Diameter (mm)
1. Inner Conductor	Solid Copper or Copper Clad Steel	0,81
2. Dielectric	Physical Foam Polyethylene	3,66
3. Outer Conductor	Bonded Aluminum Foil + Aluminum Braid + Un-bonded Aluminum Foil	4,60
4. Jacket	PVC or Polyethylene	6,20

### Attenuation and Avg. Power (20°C)

Frequency (MHz)	Attenuation (dB/100 m)
5	2,82
55	6,73
211	12,47
250	13,45
300	14,60
350	15,75
400	16,73
450	17,72
550	19,52
750	22,87
865	24,67
1.000	26,64
1.200	29,33
1.450	32,32
1.750	35,93
2.150	39,80

### SPECIFICATIONS

#### ELECTRICAL CHARACTERISTICS

**Capacitance:** 53 pF/m  
**Impedance:** 75 ohm  
**Velocity:** 85%  
**Inner Conductor DC Resistance:** 33,5 ohm/km  
**Outer Conductor DC Resistance:** 36,1 ohm/km  
**Loop Conductor DC Resistance:** 69,9 ohm/km  
**Shielding Effectiveness:** >70 dB

#### MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

**Min. Bend Radius:** 30 mm  
**Operating Temp.:** -20 – 80°C/-40 – 80°C  
 Return loss (≥ dB)  
 VHF: 20  
 UHF: 20

PART NO.	DESCRIPTION
39015904	RG59 T CATV Coaxial Cable