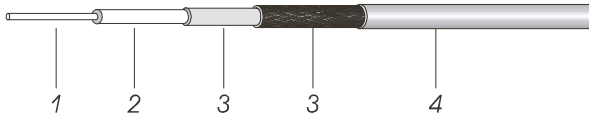


**CATV
COAXIAL
CABLE**

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 S 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	4,40
4. Jacket	PVC or Polyethylene	6,10

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: 48,8 ohm/km
Loop Conductor DC Resistance: 82,3 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
39015903	RG59 S CATV Coaxial Cable