

**CATV
COAXIAL
CABLE**

CATV network distribution:

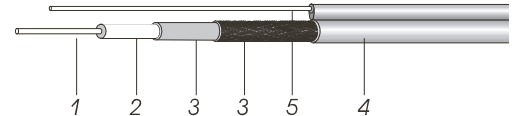
- Providing reliable transmission and anti-noise effects for double way network.
- With physical foaming dielectric preventing penetration of water and gas.
- Special braiding design with excellent engineering performance.
- Stable property and long service life.

RG11 SM CATV Coaxial Cable



Construction Specification

	Material	Diameter (mm)
1. Inner Conductor	Solid Copper or Copper Clad Steel	1,63
2. Dielectric	Physical Foam Polyethylene	7,11
3. Outer Conductor	Bonded Aluminum Foil + Aluminum Braid	7,80
4. Jacket	PVC or Polyethylene	10,16
5. Messenger	Steel	1,83



Attenuation and Avg. Power (20°C)

Frequency (MHz)	Attenuation (dB/100 m)
5	1,25
55	3,15
211	6,23
250	6,72
300	7,38
350	7,94
400	8,53
450	9,02
550	9,97
750	11,97
865	13,05
1.000	14,27
1.200	15,65
1.450	17,56
1.750	19,72
2.150	21,85

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

- Capacitance:** 53 pF/m
- Impedance:** 75 ohm
- Velocity:** 85%
- Inner Conductor DC Resistance:** 8,3 ohm/km
- Outer Conductor DC Resistance:** 30,3 ohm/km
- Loop Conductor DC Resistance:** 38,6 ohm/km
- Shielding Effectiveness:** >70 dB

MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

- Min. Bend Radius:** 50 mm
- Operating Temp.:** -20 – 80°C/-40 – 80°C
- Min. Breaking Strength of Messenger:** 166 kgf
- Return loss (≥ dB)
- VHF: 20
- UHF: 20

PART NO.	DESCRIPTION
39011020	RG11 SM CATV Coaxial Cable