

**CATV  
COAXIAL  
CABLE**

**CATV network distribution:**

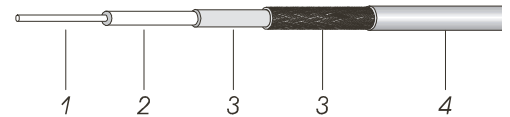
- Providing reliable transmission and anti-noise effects for double way network.
- With physical foaming dielectric preventing penetration of water and gas.
- Special braiding design with excellent engineering performance.
- Stable property and long service life.

# RG11 DO CATV Coaxial Cable



**Construction Specification**

	Material	Diameter (mm)
1. Inner Conductor	Solid Copper	1,55
2. Dielectric	Physical Foam Polyethylene	7,25
3. Outer Conductor	Bonded Aluminum Foil + Tinned copper Braid	7,80
4. Jacket	Black PVC	10,10



**Attenuation and Avg. Power (20°C)**

Frequency (MHz)	Attenuation (dB/100 m)
5	0,9
50	2,8
230	6,2
470	9,1
862	12,7
1.000	13,9
1.350	16,5
1.750	19,0
2.150	21,1
2.400	22,5
3.000	25,2

**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
- Return loss (≥ dB)
- VHF: 20
- UHF: 20

PART NO.	DESCRIPTION
39011040	RG11 DO CATV Coaxial Cable