

**CATV
COAXIAL
CABLE**

CATV network distribution:

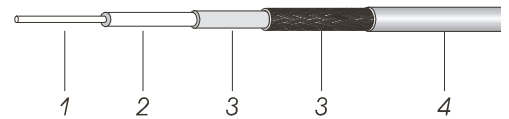
- Providing reliable transmission and anti-noise effects for double way network.
- With physical foaming dielectric preventing penetration of water and gas.
- Special braiding design with excellent engineering performance.
- Stable property and long service life.

RG6 9118 CATV Coaxial Cable



Construction Specification

	Material	Diameter (mm)
1. Inner Conductor	Copper Clad Steel	1,02
2. Dielectric	Physical Foam Polyethylene	4,57
3. Outer Conductor	Bonded Aluminum Foil + Aluminum Braid	5,40
4. Jacket	Black PVC	7,06



Attenuation and Avg. Power (20°C)

Frequency (MHz)	Attenuation (dB/100m)
5	1,8
55	4,8
240	9,2
450	12,7
862	18,0
1.000	19,7
1.450	25,6
1.800	28,2
2.250	32,2
3.000	37,1

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

- Capacitance:** 53 pF/m
- Impedance:** 75 ohm
- Velocity:** 85%
- Inner Conductor DC Resistance:** 21 ohm/km
- Outer Conductor DC Resistance:** 40 ohm/km
- Loop Conductor DC Resistance:** 61 ohm/km
- Shielding Effectiveness:** >70 dB

MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

- Min. Bend Radius:** 35 mm
- Operating Temp.:** -20 – 80°C/-40 – 80°C
- Return loss (≥ dB)**
- VHF: 20
- UHF: 20

PART NO.	DESCRIPTION
39006040	RG6 9118 CATV Coaxial Cable