

**CATV  
COAXIAL  
CABLE**

**CATV network distribution:**

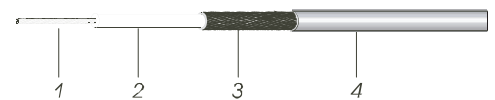
- Providing reliable transmission and anti-noise effects for double way network.
- With physical foaming dielectric preventing penetration of water and gas.
- Special braiding design with excellent engineering performance.
- Stable property and long service life.

# KS-320 CATV Coaxial Cable



**Construction Specification**

	Material	Diameter (mm)
1. Inner Conductor	Copper Clad Aluminum	1,80
2. Dielectric	Physical Foam Polyethylene	7,47
3. Outer Conductor	Welding Smooth Aluminum Tube	8,13
4. Jacket	Polyethylene or Flame Retardant Polyethylene	10,03



**Attenuation and Avg. Power (20°C)**

Frequency (MHz)	Attenuation (dB/100 m)
5	0,79
55	2,62
211	5,68
250	6,10
270	6,37
300	6,69
325	7,12
350	7,38
400	7,81
450	8,27
500	8,92
550	9,35
600	9,78
750	10,96
865	11,87
1.000	12,76

**SPECIFICATIONS**

**ELECTRICAL CHARACTERISTICS**

- Capacitance:** 50 pF/m
- Impedance:** 75 ohm
- Velocity:** 87%
- Inner Conductor DC Resistance:** 10,76 ohm/km
- Outer Conductor DC Resistance:** 3,25 ohm/km
- Loop DC Resistance:** 14,01 ohm/km
- Shielding Effectiveness:** >100 dB

**MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS**

- Min. Bend Radius:** 50,8 mm
- Max. Pulling Tension:** 54,5 kgf
- Operating Temp.:** -40 – 80°C
- Return loss (≥ dB)**
- VHF: 23
- UHF: 20

PART NO.	DESCRIPTION
39013200	KS-320 CATV Coaxial Cable