

**CATV
COAXIAL
CABLE**

CATV network distribution:

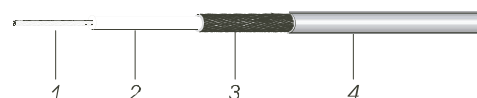
- Providing reliable transmission and anti-noise effects for double way network.
- With physical foaming dielectric preventing penetration of water and gas.
- Special braiding design with excellent engineering performance.
- Stable property and long service life.

KS-500 CATV Coaxial Cable



Construction Specification

	Material	Diameter (mm)
1. Inner Conductor	Copper Clad Aluminum	2,77
2. Dielectric	Physical Foam Polyethylene	11,43
3. Outer Conductor	Welding Smooth Aluminum Tube	12,70
4. Jacket	Polyethylene or Flame Retardant Polyethylene	14,22



Attenuation and Avg. Power (20°C)

Frequency (MHz)	Attenuation (dB/100 m)
5	0,52
55	1,77
211	3,58
250	3,94
270	4,07
300	4,30
325	4,49
350	4,69
400	5,02
450	5,35
500	5,67
550	5,97
600	6,27
750	7,09
865	7,68
1.000	8,27

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

- Capacitance:** 50 pF/m
- Impedance:** 75 ohm
- Velocity:** 87%
- Inner Conductor DC Resistance:** 4,43 ohm/km
- Outer Conductor DC Resistance:** 1,21 ohm/km
- Loop DC Resistance:** 5,64 ohm/km
- Shielding Effectiveness:** >100 dB

MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

- Min. Bend Radius:** 152 mm
- Max. Pulling Tension:** 136 kgf
- Operating Temp.:** -40 – 80°C
- Return loss (≥ dB)**
- VHF: 23
- UHF: 20

PART NO.	DESCRIPTION
39015000	KS-500 CATV Coaxial Cable