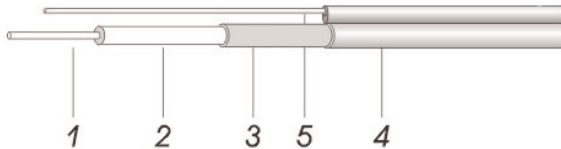


**CATV
COAXIAL
CABLE**

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-412M CATV Coaxial Cable



Construction Specification

	Material	Diameter (mm)
1. Inner Conductor	Copper Clad Aluminum	2,26
2. Dielectric	Physical Foam Polyethylene	9,19
3. Outer Conductor	Welding Smooth Aluminum Tube	10,46
4. Jacket	Polyethylene or Flame Retardant Polyethylene	12,07
5. Messenger	Steel	2,77

Attenuation and Avg. Power (20°C)

Frequency (MHz)	Attenuation (dB/100 m)
5	0,65
55	2,26
211	4,62
250	5,05
270	5,28
300	5,57
325	5,81
350	6,13
400	6,46
450	6,92
500	7,34
550	7,71
600	8,10
750	9,12
865	9,87
1.000	10,73

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

- Capacitance: 50 pF/m
- Impedance: 75 ohm
- Velocity: 87%
- Inner Conductor DC Resistance: 6,79 ohm/km
- Outer Conductor DC Resistance: 1,64 ohm/km
- Loop DC Resistance: 8,43 ohm/km
- Shielding Effectiveness: >100 dB

MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

- Min. Bend Radius: 152 mm
- Max. Pulling Tension: 68 kgf
- Min. Breaking Strength of Messenger: 816 kgf
- Operating Temp.: -40 – 80°C
- Return loss (≥ dB)
- VHF: 23
- UHF: 20

PART NO.	DESCRIPTION
39014125	KS-412M CATV Coaxial Cable