



## Construction Specification

Item	Material	Diameter(mm)
1. Inner Conductor	Solid Copper Clad Steel	1.02±0.02
2. Dielectric	Foam Polyethylene	4.57±0.13
3. Outer Conductor	Bonded Al Foil	--
3. Outer Conductor	60% AL-Mg alloy wire	---
4. Jacket	White PVC (RoHS)	6.85±0.1

## Electrical Characteristics

Capacitance (pF/m)	Nom. 53
Impedance (ohm)	75±3
Velocity (%)	Nom. 82
Dielectric resistance (MΩ·km)	≥5000
Dielectric strength (KV)	5
Max. Operating Frequency (MHz)	11000
Max. Operating Voltage (KV)	2.7

## Mechanical and Environmental Characteristics

Operating Temp. (°C)	-30~+70
Bending radius once (mm)	42
Repeated bending radius (mm)	64
Flexible application radius (mm)	170

## Typical Attenuation @ 20°C and Sea Level

Frequency (MHz)	Nominal Attenuation (dB/100FT)
55	1.91
211	3.05
550	4.9
870	6.11
1000	6.55