



Construction Specification

Item	Material	Diameter(mm)
1. Inner Conductor	Solid Copper Clad Steel	1.63±0.01
2. Dielectric	Foam Polyethylene	7.1±0.15
3. Outer Conductor	Bonded AL-foil	7.28±0.15
3. Outer Conductor	Tri-shielded AL-foil (65% Braiding Coverage)	---
4. Jacket	Black PVC	10.3±0.15

Electrical, Mechanical and Environmental Characteristics

Capacitance (pF/m)	52±2	Operating Temp. (°C)	-40~+80
Impedance (ohm)	75±3	Voltage Withstand (DC)	4
Velocity of Propagation (%)	85	Return Loss (dB) / VSWR Min	5-1000 / 20.0

Attenuation Max (dB/100m)

Frequency (MHz)	Max Attenuation (dB/100m)
5	1.30
55	3.20
187	5.70
211	6.20
400	8.50
500	9.50
750	11.90
860	13.10
1000	14.30
1500	16.80
1800	18.60
2220	20.70