



Construction

Item	Material	Diameter(mm)	Remarks
Inner Conductor	Copper Clad Aluminum	2.74	<i>Per customer's requirements: Out conductor could be 128,144 or 168 AL-Mg wires braiding; Jacket could be PVC or PE;</i>
Dielectric	Foam PE	7.24	
First Shield	Bonded Aluminum Foil	7.39	
Second Shield	AL-Mg Wire Braid	8.13	
Jacket	PVC/PE	10.29	

Electrical Characteristics

Impedance (Ω)	50 ± 3
Capacitance (pF/m)	78.4
Velocity of Propagation (%)	85.0
Return Loss	≥ 18
Screening Effectiveness(db)	≥ 90
Voltage With Stand	2000.0
Installation Temp ($^{\circ}\text{C}$)	-30 to +70
Operating Temp ($^{\circ}\text{C}$)	-30 to +70
Bending radius(mm)	Min. 200

Attenuation (@20⁰C)

Frequency(MHz)	Max Attenuation(dB/100m)
150	5.6
450	9.7
900	13.8
1500	18.0
1800	20.1
2000	21.6
2500	24.5