



Construction Specification :

	Material	Diameter (mm.)
1. Inner Conductor	Copper Clad Steel	1.63
2. Dielectric	Physical Foam Polyethylene	7.11
3. Outer Conductor	Bonded Aluminum Foil + Aluminum Braid (S95)	7.80
4. Jacket	PVC (UV Resistant Black Color)	10.16
5. Messenger	Steel	1.83

Electrical Characteristics :

Capacitance (pF/m)	53.00
Impedance (Ohm)	75.00
Velocity (%)	85.00
Inner Conductor DC Resistance (Ω / km)	8.30
Outer Conductor DC Resistance (Ω / km)	30.30
Loop Conductor DC Resistance (Ω / km,)	38.60
Shielding Effectiveness (dB)	>70.00
Min. Bend Radius (mm)	50.00
Operating Temp ($^{\circ}$C)	-20 to +80
Return Loss (\geqdB)	
VHF	20.00
UHF	20.00

Attenuation (20 $^{\circ}$ C)

Frequency(MHz)	Attenuation(\geq dB/100m)
5	1.25
55	3.15
211	6.23
250	6.72
300	7.38
350	7.94
400	8.53
450	9.02
550	9.97
750	11.97
869	13.05
1000	14.27