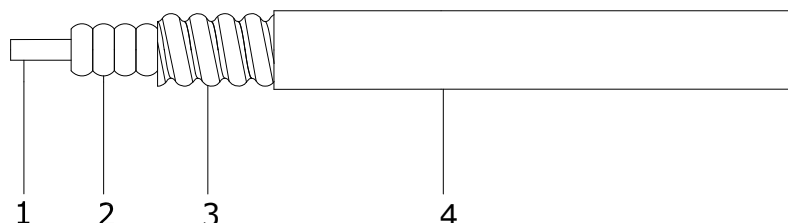


ANO 3/ 8" Spiral



Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Copper Clad Aluminum Wire or Copper	2.60
2.Dielectric	Foam PE	6.7
3.Outer Conductor	Corrugated Copper Tube	9.1
4.Jacket	PE or Low Smoke Halogen-free Fire-retardant PE	10.2

Electrical Characteristics

Impedance(Ohm)	50
Capacitance(pF/m)	80
Velocity of Propagation(%)	83
Peak Power Rating(KW)	12
RF Peak Voltage(KV)	1.04
Insulation Resistance(MΩ.km)	>5000
Cut-off Frequency(GHz)	13.4
Insulation Voltage(KV)	2.5
Inner Conductor DC Resistance(Ω/km)	5.00
Outer Conductor DC Resistance(Ω/km)	3.5
Jacket Spark(KV)	5.0
Shielding Effectiveness(dB)	>120

Mechanical Characteristics & Environmental Characteristics

Min. Single Bending Radius(mm)	12.5
Min. Repeated Bending Radius(mm)	25
No. of Bends	15
Tensile Strength(kg)	60
Storage Temp.(°C)	-55 to +85
Installation Temp.(°C)	-20 to +60
Operating Temp(°C)	-55 to +85

Attenuation (VSWR1.0, cable temp.20℃) and Average Power(VSWR1.0, ambient temp. 40℃)

Frequency(MHz)	Attenuation(Db/100m)	Average Power(KW)
100	4.18	1.90
200	5.96	1.30
450	9.14	0.87
800	12.32	0.64
900	13.15	0.60
1000	13.85	0.57
1500	17.35	0.45
1800	19.20	0.41
2000	20.30	0.39
2200	21.40	0.37
2400	22.50	0.36
2500	23.00	0.35
3000	25.20	0.31