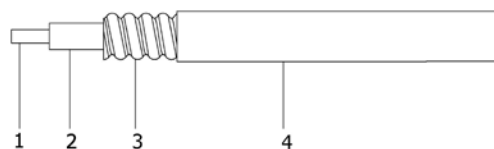


SHC-875



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Copper tube	9.00	0.3543
2. Dielectric	Foam PE	22.40	0.8819
3. Outer Conductor	Annular Corrugated Copper Tube	24.90	0.9803
4. Jacket	Fire-retardant PE	27.50	1.0827

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	88%
Capacitance)	76pF/m 23pF/Ft
Inductance	0.19 μ H/m 0.058 μ H/ft
Peak Power Rating	90KV
DC Test voltage	3200V
Insulation Resistance	>10000M Ω .km
Cutoff frequency	5.2 GHz
Inner Conductor DC Resistance	2.15 Ω /km
Outer Conductor DC Resistance	2.10 Ω /km

Mechanical Characteristics

Min.Bending Radius Static (mm)	120 4.7244
Min.Bending Radius Repeated(mm)	250 9.8425
Tensile Strength(N)	1400
Weight(Kg/Km)	400

Environmental Characteristics

Operating Temperature Range(°C)	-55~+85
Installation Temp.(°C)	-25~+60
Storage Temperature Range(°C)	-30~+80

Attenuation & Average Power @ 20°C and Seal Leavel

Frequency(MHz)	Attenuation		Power(KW CW)
	dB/100m	dB/100Ft	
200	1.69	0.52	6.27
450	2.65	0.81	3.73
800	3.64	1.11	2.49
900	3.86	1.18	2.34
1000	4.13	1.26	2.19
1500	5.21	1.59	2.01
1800	5.76	1.76	1.73
2000	6.12	1.87	1.64
2200	6.46	1.97	1.4
2500	6.97	2.13	1.34
3000	7.76	2.37	1.16