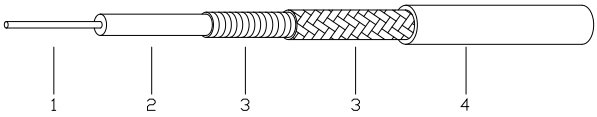
AFLEX-086PUR



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	0.51	0.020
2. Dielectric	PTFE	1.63	0.064
3. Outer Conductor	Sprial Wrapped Silver Plated Copper Tape	2.16	0.085
	┼Silver Plated Copper		
4. Jacket	Blue PUR	3.00	0.118

Electrical Characteristics

Impedance	50 Ω	
Velocity of Propagation	70%	
DC Test voltage	700V	
Operating Frequency	26.5 GHz	
Sheilding Effectiveness	90 dB	
Capacitance	96.1pF/m	29.3pF/Ft

Mechanical Characteristics

Min.Bending Radius Static (mm)	14	0.551
Min.Bending Radius Static (mm)	28	1.102
Weight(Kg/Km)	22	

Environmental Characteristics

Operating Temperature Range(℃)	-55~+85

Attenuation & Average Power @ 20℃ and Sea Leavel

Frequency(GHz)	Attenuation		Power(Watts CW)
	dB/100m	dB/100Ft	
0.3	37.00	11.3	187
1.0	69.30	21.1	100
2.0	100.30	30.6	69
4.0	146.50	44.7	47
6.0	183.70	56.0	38
8.0	216.40	66.0	32
10.0	246.10	75.0	28
12.0	273.70	83.4	25
14.0	299.70	98.9	23
18.0	348.20	106.1	20
20.0	371.00	106.1	19
26.5	440.80	134.4	16