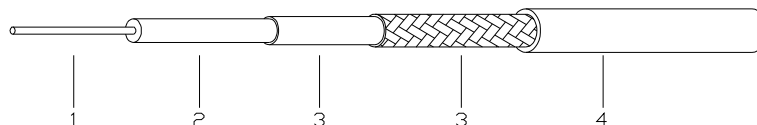


AFLEX-086AF



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	0.52	0.020
2. Dielectric	PTFE	1.68	0.066
3. Outer Conductor	Bonded Aluminum Foil	2.1	0.083
	+ Silver Plated Copper		
4. Jacket	Blue FEP	2.64	0.104

Electrical Characteristics

Impedance	50 ohm
Capacitance	96.2 pF/m 29.33 pF/Ft
Velocity of Propagation	70%
Operating Frequency	40 GHz

Mechanical Characteristics

Cable Minimum Static Bend Radius	6.5 mm 0.25 inch
Weight	22 g/m 0.015 lbf/ft

Environmental Characteristics

Operating Temp(°C)	-65~+165
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Attenuation & Average Power @ 20°C and Seal Level

Frequency(GHz)	Attenuation	
	dB/1m	dB/1Ft
0.5	0.49	0.15
1	0.66	0.20
3	1.20	0.37
4	1.41	0.43
6	1.75	0.53
8	2.08	0.63
10	2.37	0.72
12	2.62	0.80
15	3.00	0.92
18	3.35	1.02
26.5	4.32	1.32
40	6.01	1.83