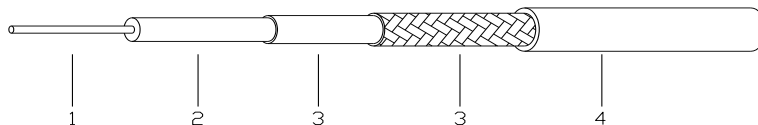


AFLEX-141AF



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	0.915	0.036
2. Dielectric	PTFE	2.95	0.116
3. Outer Conductor	Bonded Aluminum Foil + Silver Plated Copper	3.5	0.138
4. Jacket	Blue FEP	4.05	0.159

Electrical Characteristics

Impedance	50 ohm	
Capacitance	95.5 pF/m	29.11 pF/Ft
Velocity of Propagation	70%	
Operating Frequency	40 GHz	

Mechanical Characteristics

Cable Minimum Static Bend Radius	18 mm	0.59 inch
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Environmental Characteristics

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

Frequency(GHz)	Attenuation	
	dB/1m	dB/1Ft
0.5	0.30	0.09
1	0.41	0.13
3	0.75	0.23
4	0.91	0.28
6	1.12	0.34
8	1.31	0.40
10	1.51	0.46
12	1.76	0.54
15	1.95	0.59
18	2.19	0.67
26.5	2.95	0.90
40	4.04	1.23