

## Microwave Coax Cables

Phase Stable

70 GHz | 70% VP

Microwave Coax Cable (70% Vp)				
Physical and Mechanical Properties				
P/N	16701047	16701063	16701086	16701110
Conductor(mm)	0.29	0.41	0.51	0.64
Outer shield(mm)	1.17	1.67	2.15	2.57
Jacket(mm)	1.42	2.10	2.60	3.00
Weight(g/m)	6.0	12.5	19.0	25.0
Electrical Parameters				
Impedance( $\Omega$ )	50	50	50	50
Delay(ns/m)	4.8	4.8	4.8	4.8
Shielding Effectiveness(dB)@18GHz	>90dB	>90dB	>90dB	>90dB
Capacitance(pF/m)	95	95	95	95
Frequency(GHz)	40	40	18	18
Operating Temperature( $^{\circ}\text{C}$ )	-55~125	-55~125	-55~125	-55~125
Frequency(GHz)	Typical Attenuation(dB/m) (+25 $^{\circ}\text{C}$ Environment; Sea level)			
0.5	0.95	0.67	0.54	0.44
1.0	1.35	0.95	0.77	0.62
3.0	2.36	1.67	1.36	1.10
5.0	3.07	2.18	1.78	1.45
10.0	4.40	3.15	2.58	2.11
18.0	6.00	4.32	3.55	2.92
26.5	7.37	5.33	4.41	3.65
40.0	9.21	6.71	5.57	4.63
50.0	10.73	7.61	6.34	5.29
67.0	13.00	9.23	7.53	/

If you need more information or customized products based on actual applications, please contact us.