

FSCI2528A-700-5000

Coaxial Isolators, 700-5000MHz

Features:

- Excellent Temperature Stability
- Compact Size
- High Reverse Power Handling
- RoHS Compliant

Applications:

- RF Power Amplifiers and PA Protection
- Wireless Communications
- Satellite Communications
- 2G, 3G, 4G, 5G Communication systems

Electrical Specifications							
1	Nominal Impedance	50 Ω					
2	Frequency Bandwidth	Up to 25%					
3	Frequency Range ¹ (MHz)	Insertion Loss (dB Max.)		Isolation (dB Min.)	VSWR (Max.)	FWD Power (W Max.)	REV Power ² (W Max.)
		SMA	N				
4	700-750	0.3	0.3	23	1.20	150	20/100
5	700-800	0.4	0.4	20	1.25	150	20/100
6	700-900	0.6	0.6	17	1.35	150	20/100
7	703-803	0.4	0.4	20	1.25	150	20/100
8	750-800	0.3	0.3	23	1.20	150	20/100
9	750-950	0.5	0.5	18	1.30	150	20/100
10	800-850	0.3	0.3	23	1.20	150	20/100
11	800-900	0.4	0.4	20	1.25	150	20/100
12	800-1000	0.5	0.5	18	1.30	150	20/100
13	820-865	0.3	0.3	23	1.20	150	20/100
14	820-880	0.3	0.3	23	1.20	150	20/100
15	830-940	0.4	0.4	20	1.25	150	20/100
16	850-870	0.3	0.3	23	1.20	150	20/100
17	850-960	0.4	0.4	20	1.25	150	20/100
18	851-866	0.3	0.3	23	1.20	150	20/100
19	860-960	0.4	0.4	20	1.25	150	20/100
20	865-880	0.3	0.3	23	1.20	150	20/100
21	869-894	0.3	0.3	23	1.20	150	20/100
22	870-880	0.3	0.3	23	1.20	150	20/100
23	890-915	0.3	0.3	23	1.20	150	20/100
24	880-915	0.3	0.3	23	1.20	150	20/100
25	880-960	0.3	0.3	23	1.20	150	20/100
26	885-915	0.3	0.3	23	1.20	150	20/100
27	900-928	0.3	0.3	23	1.20	150	20/100
28	920-960	0.3	0.3	23	1.20	150	20/100
29	869-894	0.3	0.3	23	1.20	150	20/100
30	870-960	0.4	0.4	20	1.25	150	20/100

31	930-960	0.3	0.3	23	1.20	150	20/100
32	950-1150	0.4	0.4	20	1.25	150	20/100
33	960-1215	0.5	0.5	18	1.30	150	20/100
34	1000-1100	0.3	0.3	23	1.20	150	20/100
35	1030-1090	0.3	0.3	23	1.20	150	20/100
36	1100-1300	0.4	0.4	20	1.25	150	20/100
37	1150-1300	0.35	0.35	20	1.25	150	20/100
38	1150-1350	0.4	0.4	20	1.25	150	20/100
39	1200-1300	0.3	0.3	23	1.20	150	20/100
40	1200-1400	0.35	0.35	20	1.25	150	20/100
41	1290-1310	0.25	0.25	25	1.15	150	20/100
42	1300-1800	0.6	0.6	17	1.35	150	20/100
43	1325-1425	0.3	0.3	23	1.20	150	20/100
44	1350-1850	0.6	0.6	17	1.35	150	20/100
45	1400-1500	0.3	0.3	23	1.20	150	20/100
46	1400-1600	0.35	0.35	20	1.25	150	20/100
47	1400-1700	0.4	0.4	20	1.25	150	20/100
48	1440-1470	0.3	0.3	23	1.20	150	20/100
49	1450-1550	0.3	0.3	23	1.20	150	20/100
50	1500-1600	0.3	0.3	23	1.20	150	20/100
51	1500-1700	0.35	0.35	20	1.25	150	20/100
52	1500-2000	0.6	0.6	17	1.35	150	20/100
53	1600-2100	0.5	0.5	18	1.30	150	20/100
54	1610-1630	0.25	0.25	23	1.20	150	20/100
55	1700-1900	0.35	0.35	20	1.25	150	20/100
56	1700-2200	0.4	0.4	20	1.25	150	20/100
57	1700-2300	0.5	0.5	18	1.30	150	20/100
58	1710-1785	0.3	0.3	23	1.20	150	20/100
59	1800-2000	0.35	0.35	20	1.25	150	20/100
60	1800-2200	0.4	0.4	20	1.25	150	20/100
61	1800-2400	0.5	0.5	18	1.30	150	20/100
62	1805-1880	0.3	0.3	23	1.20	150	20/100
63	1880-1920	0.3	0.3	23	1.20	150	20/100
64	1900-2200	0.35	0.35	20	1.25	150	20/100
65	1920-1980	0.3	0.3	23	1.20	150	20/100
66	2000-2400	0.4	0.4	20	1.25	150	20/100
67	2000-2500	0.5	0.5	19	1.25	150	20/100
68	2000-2600	0.5	0.5	18	1.30	150	20/100
69	2100-2700	0.5	0.5	18	1.30	150	20/100
70	2100-2500	0.4	0.4	20	1.25	150	20/100
71	2110-2170	0.3	0.3	23	1.20	150	20/100
72	2200-2300	0.3	0.3	23	1.20	150	20/100
73	2200-2500	0.35	0.35	20	1.20	150	20/100
74	2300-2400	0.3	0.3	23	1.20	150	20/100

75	2300-2500	0.4	0.4	20	1.20	150	20/100
76	2300-2700	0.4	0.4	20	1.20	150	20/100
77	2400-2500	0.3	0.3	23	1.20	150	20/100
78	2400-2600	0.3	0.4	20	1.20	150	20/100
79	2400-2700	0.35	0.45	20	1.25	150	20/100
80	2500-2700	0.3	0.4	20	1.20	150	20/100
81	2555-2655	0.3	0.4	23	1.20	150	20/100
82	2600-2700	0.3	0.4	23	1.20	150	20/100
83	2600-3000	0.5	0.6	18	1.30	150	20/100
84	2600-3300	0.6	0.7	17	1.35	150	20/100
85	2700-2900	0.3	0.4	20	1.20	150	20/100
86	2700-3100	0.4	0.5	20	1.25	150	20/100
87	2700-3400	0.5	0.6	18	1.30	150	20/100
88	2800-3200	0.4	0.5	20	1.25	150	20/100
89	2900-3100	0.3	0.4	20	1.20	150	20/100
90	2900-3300	0.4	0.5	20	1.25	150	20/100
91	2900-3500	0.45	0.55	20	1.25	150	20/100
92	3000-3600	0.4	0.5	20	1.25	150	20/100
93	3100-3500	0.4	0.5	20	1.25	150	20/100
94	3200-3700	0.4	0.5	20	1.25	150	20/100
95	3300-3600	0.3	0.4	20	1.20	150	20/100
96	3400-3600	0.3	0.4	20	1.20	150	20/100
97	3400-4200	0.5	0.6	19	1.25	150	20/100
98	3550-3650	0.3	0.4	23	1.20	150	20/100
99	3600-3800	0.3	0.4	23	1.20	150	20/100
100	3600-4000	0.3	0.4	20	1.25	150	20/100
101	3700-3900	0.3	0.4	23	1.20	150	20/100
102	3700-4200	0.45	0.55	19	1.25	150	20/100
103	3750-4250	0.45	0.55	19	1.25	150	20/100
104	4000-4600	0.4	0.5	20	1.25	150	20/100
105	4400-5000	0.4	0.5	20	1.25	150	20/100

Environmental Specifications

1	Operating Temperature	-30°C ~ +75°C
2	Extended Temperature	-45°C ~ +85°C, optional
3	Storage Temperature	-50°C ~ +90°C

Mechanical Specifications

1	Connectors ³	SMA-Female; N-Female
2	Cavity Material	Conductive Oxidized Aluminum
3	Housing Material	Nickel-Plated Iron
4	Conductor	Silver-Plated Brass
5	Dimensions ⁴	25.0x28.5x15.0 mm [0.98x1.12x0.59 in]
6	Weight	Approx. 73 g

