

Standard Coax Isolators

The isolator part numbers listed below all have FFT configuration (female – female – termination) with clockwise rotation. The other standard configurations (FMT, MFT, MMT) and counter-clockwise rotation are available for any of these part numbers. When ordering the other standard configurations, simply add the appropriate configuration behind the FFT part number listed in the table. For example, the FMT version of 094-037054-003 would be requested as 094-037054-003 N FMT. Counter-clockwise rotation would be obtained by adding CCW at the end.

In addition, many designs are available with non-standard configurations such as FTF, MTF, TFF, etc., and also with mixed SMA and N-Type connectors. Please contact our Sales Department (sales@m2global.com) for these non-standard configurations.

Frequency Range (GHz)	Isolation (Min) (-dB)	Insertion Loss (Max) (-dB)	VSWR (Max)	* Operating Temperature °C	Term Rating (Watts)	Dimensions (in x in x in)	Part Number	** Connector & Termination Configuration		Outline Drawing	Notes
0.750-0.960	20	0.40	1.20	-10 to +65	15	1.68 x 2.05 x 1.26	094-037054-003	N	FFT	C06	
0.750-0.960	20	0.40	1.20	-10 to +65	10	1.25 x 1.25 x 0.87	094-037055-002	S	FFT	C07	
0.800-0.900	23	0.40	1.15	-10 to +65	10	1.25 x 1.25 x 0.87	094-037438-001	S	FFT	C07	
0.800-1.000	19	0.50	1.25	0 to +50	10	1.25 x 1.25 x 0.87	094-037064-009	S	FFT	C07	
0.850-1.100	20	0.40	1.20	0 to +50	10	1.25 x 1.25 x 0.87	996-850110-501	S	FFT	C07	
0.890-0.960	20	0.40	1.20	-10 to +65	15	1.68 x 2.05 x 1.26	994-037069-003	S	FFT	C06	
0.910-1.010	20	0.40	1.20	-10 to +65	10	1.25 x 1.25 x 0.87	994-037774-005	S	FFT	C07	
0.950-1.225	20	0.40	1.25	-10 to +65	10	1.25 x 1.25 x 0.55	094-037071-001	S	FFT	C08	
0.960-1.220	20	0.40	1.20	0 to +60	10	1.25 x 1.25 x 0.55	994-037541-003	S	FFT	C08	
1.045-1.155	23	0.30	1.15	-20 to +65	10	1.25 x 1.25 x 0.63	094-037638-001	S	FFT	C33	
1.200-1.300	20	0.50	1.15	0 to +65	10	1.25 x 1.25 x 0.75	994-037664-022	S	FFT	C34	
1.200-1.400	20	0.40	1.15	0 to +50	10	1.25 x 1.25 x 0.87	994-037076-009	S	FFT	C09	
1.200-1.500	19	0.45	1.25	-20 to +65	10	1.25 x 1.25 x 0.87	094-037076-001	S	FFT	C09	
1.200-1.500	19	0.45	1.25	-20 to +65	30	1.25 x 1.25 x 0.87	094-037076-002	S	FFT	C09	
1.300-1.400	20	0.50	1.15	0 to +65	10	1.25 x 1.25 x 0.75	994-037664-023	S	FFT	C34	
1.400-1.540	20	0.40	1.20	-20 to +65	10	1.25 x 1.25 x 0.87	094-037079-001	S	FFT	C09	
1.500-1.600	22	0.25	1.15	-20 to +65	10	1.25 x 1.25 x 0.87	994-037082-006	S	FFT	C09	
1.500-1.700	20	0.40	1.25	-20 to +65	10	1.25 x 1.25 x 0.87	094-037082-003	S	FFT	C09	
1.620-1.660	23	0.30	1.15	-20 to +65	10	1.25 x 1.25 x 0.87	994-037082-005	S	FFT	C07	
1.700-2.000	20	0.40	1.20	-20 to +60	10	1.00 x 1.00 x 0.50	094-037087-001	S	FFT	C10	
1.700-2.100	20	0.30	1.15	-20 to +65	15	1.56 x 1.94 x 1.00	094-037093-002	S	FFT	C11	
1.700-2.100	20	0.30	1.15	-20 to +65	15	1.56 x 1.94 x 1.00	094-037096-001	N	FFT	C11	
1.700-2.300	20	0.40	1.30	-20 to +65	15	1.56 x 1.94 x 1.00	094-037095-002	S	FFT	C11	
1.700-2.300	20	0.40	1.30	-20 to +65	15	1.56 x 1.94 x 1.00	994-037099-003	N	FFT	C11	
1.800-2.100	23	0.40	1.15	-20 to +65	10	1.00 x 1.00 x 0.50	094-037537-004	S	FFT	C10	
1.800-2.800	18	0.40	1.30	-20 to +65	10	1.63 x 1.63 x 0.76	094-037444-002	S	FFT	C13	
1.900-2.300	20	0.30	1.15	-20 to +65	15	1.56 x 1.94 x 1.00	994-037103-002	S	FFT	C11	
1.900-2.300	20	0.30	1.15	-20 to +65	15	1.56 x 1.94 x 1.00	994-037596-003	N	FFT	C11	
1.900-2.350	20	0.35	1.22	0 to +65	10	1.63 x 1.63 x 0.76	994-037107-006	S	FFT	C13	
1.980-2.280	20	0.40	1.20	-20 to +65	10	1.00 x 1.00 x 0.50	094-037109-003	S	FFT	C10	
1.900-2.000	23	0.40	1.15	-20 to +65	10	1.00 x 1.00 x 0.50	996-190200-401	S	FFT	C10	

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1.990-2.500	20	0.30	1.22	0 to +65	10	1.25 x 1.36 x 0.50	996-199250-501	S FFT	C40	
2.000-2.300	20	0.40	1.20	-20 to +65	10	1.00 x 1.00 x 0.50	994-037110-003	S FFT	C10	
2.000-2.700	20	0.40	1.20	-20 to +65	10	1.75 x 1.76 x 0.75	094-037487-001	S FFT	C14	
2.200-2.300	20	0.40	1.20	-20 to +65	10	1.00 x 1.00 x 0.50	994-037113-003	S FFT	C10	
2.200-2.400	20	0.40	1.20	-20 to +65	15	1.56 x 1.94 x 1.00	094-037120-002	S FFT	C11	
2.200-2.700	20	0.40	1.25	-20 to +65	15	1.56 x 1.94 x 1.00	994-037124-003	S FFT	C11	
2.200-2.700	20	0.40	1.25	-20 to +65	15	1.56 x 1.94 x 1.00	994-037121-006	N FFT	C11	
2.320-2.350	26	0.30	1.10	-10 to +65	10	1.00 x 1.00 x 0.50	094-037087-006	S FFT	C10	
2.400-2.500	20	0.40	1.20	-20 to +65	10	1.00 x 1.00 x 0.50	994-037133-010	S FFT	C10	
2.450-2.700	20	0.40	1.20	-20 to +65	10	1.00 x 1.00 x 0.50	994-037133-011	S FFT	C10	
2.450-2.700	20	0.40	1.25	-20 to +65	10	1.00 x 1.00 x 0.50	094-037132-001	S FFT	C10	
2.700-3.100	20	0.30	1.22	-20 to +65	10	1.25 x 1.25 x 0.76	996-270310-501	S FFT	C12	
2.500-3.200	23	0.40	1.15	-20 to +65	10	1.75 x 1.75 x 0.75	994-037739-005	S FFT	C14	
3.000-4.200	20	0.40	1.20	-20 to +65	10	1.25 x 1.25 x 0.76	094-037911-001	S FFT	C12	
3.100-3.600	20	0.40	1.20	-20 to +65	10	0.75 x 0.89 x 0.50	994-037866-005	S FFT	C16	
3.400-4.200	20	0.40	1.25	-20 to +65	10	1.00 x 1.10 x 0.70	996-340420-401	N FFT	C31	
3.400-4.200	20	0.40	1.20	-20 to +65	15	1.00 x 1.36 x 1.00	994-037146-009	N FFT	C15	
3.400-4.200	20	0.40	1.25	-20 to +65	10	0.75 x 0.89 x 0.50	094-037139-001	S FFT	C16	
3.400-4.800	20	0.50	1.20	0 to +50	10	1.25 x 1.25 x 0.76	094-037143-003	S FFT	C12	
3.400-6.750	20	0.40	1.25	-20 to +65	10	1.00 x 1.10 x 0.70	994-037168-015	N FFT	C31	
3.600-4.200	20	0.30	1.15	-20 to +65	15	1.00 x 1.36 x 1.00	994-037711-007	N FFT	C15	
3.600-4.200	27	0.20	1.10	-20 to +65	10	0.75 x 0.89 x 0.50	094-037162-002	S FFT	C16	
3.600-5.300	20	0.40	1.25	0 to +50	10	1.25 x 1.25 x 0.76	094-037143-006	S FFT	C12	
3.700-4.200	27	0.20	1.10	-20 to +65	10	0.74 x 0.90 x 0.50	094-037162-001	S FFT	C23	
3.700-6.500	20	0.40	1.25	-20 to +65	10	1.00 x 1.00 x 0.60	094-037164-001	S FFT	C17	
4.400-5.000	20	0.20	1.20	-20 to +55	10	0.75 x 0.86 x 0.49	994-037168-009	S FFT	C19	2
4.400-5.100	26	0.20	1.10	-20 to +65	10	0.75 x 0.86 x 0.49	094-037806-010	S FFT	C19	2
4.500-6.800	20	0.40	1.22	0 to +65	10	1.00 x 1.10 x 0.58	994-037168-013	S FFT	C18	
4.600-5.550	20	0.40	1.20	0 to +65	10	1.00 x 1.10 x 0.58	994-038065-003	S FFT	C18	
4.800-5.400	20	0.40	1.25	-20 to +65	10	1.00 x 1.10 x 0.58	994-037612-002	S FFT	C18	
5.400-5.900	20	0.40	1.25	-20 to +65	10	0.50 x 0.67 x 0.50	994-037182-003	S FFT	C20	
5.670-6.425	26	0.35	1.10	-20 to +55	10	0.87 x 0.87 x 0.74	994-037196-017	S FFT	C21	2
5.700-6.600	20	0.40	1.20	-20 to +70	10	0.50 x 0.67 x 0.50	994-037192-009	S FFT	C20	5
5.800-6.500	23	0.30	1.15	-20 to +65	10	0.88 x 0.88 x 0.73	094-037189-002	S FFT	C21	
5.800-6.750	20	0.40	1.25	-20 to +65	10	1.00 x 1.10 x 0.70	996-580675-401	N FFT	C31	
5.800-7.100	20	0.40	1.20	-10 to +60	10	0.88 x 0.88 x 0.73	094-037189-013	S FFT	C21	
5.800-7.300	20	0.40	1.20	-20 to +55	10	0.88 x 0.88 x 0.73	994-037188-016	S FFT	C21	
5.850-6.425	20	0.40	1.15	-20 to +55	10	0.88 x 0.88 x 0.73	994-095326-005	S FFT	C21	
5.850-6.425	20	0.50	1.15	0 to +50	10	0.87 x 1.10 x 1.00	994-037854-004	N FFT	C30	
5.850-6.725	20	0.40	1.22	-20 to +55	10	0.88 x 0.88 x 0.73	994-037614-009	S FFT	C21	2

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5.850-8.400	20	0.40	1.20	-20 to +65	10	0.88 x 0.88 x 0.73	994-037188-009	S FFT	C21	
5.900-6.500	20	0.40	1.25	-20 to +65	10	0.50 x 0.67 x 0.50	994-037192-010	S FFT	C20	5
5.900-6.500	23	0.30	1.15	-20 to +65	10	0.88 x 0.88 x 0.73	094-037189-001	S FFT	C21	
5.900-6.500	23	0.30	1.15	-20 to +65	10	0.87 x 1.10 x 1.00	994-037186-011	N FFT	C30	
5.900-8.500	20	0.40	1.20	-20 to +65	10	0.88 x 0.88 x 0.73	994-037519-007	S FFT	C21	
6.000-7.250	23	0.20	1.15	0 to +65	10	0.88 x 0.88 x 0.73	994-037538-009	S FFT	C21	
6.400-7.200	23	0.30	1.15	-20 to +65	10	0.88 x 0.88 x 0.73	094-037196-002	S FFT	C21	
6.425-7.125	26	0.35	1.10	-20 to +55	10	0.88 x 0.88 x 0.73	994-037196-018	S FFT	C21	
6.500-7.800	20	0.40	1.20	-20 to +55	10	0.88 x 0.88 x 0.73	994-037196-026	S FFT	C21	
7.000-8.570	20	0.40	1.20	-20 to +55	10	0.88 x 0.88 x 0.73	994-037196-012	S FFT	C21	
7.100-7.900	26	0.35	1.10	-20 to +55	10	0.88 x 0.88 x 0.73	994-037196-019	S FFT	C21	2
7.100-7.900	20	0.30	1.22	-10 to +70	10	0.50 x 0.67 x 0.50	996-710790-001	S FFT	C20	
7.100-8.400	20	0.30	1.25	-20 to +55	10	0.62 x 0.75 x 0.50	994-038052-002	S FFT	C25	4
7.100-8.500	23	0.30	1.15	-20 to +65	10	0.88 x 0.88 x 0.73	094-037538-001	S FFT	C21	
7.100-8.500	20	0.40	1.15	-20 to +55	10	0.74 x 0.90 x 0.50	994-037856-001	S FFT	C23	
7.100-8.500	20	0.40	1.20	-20 to +65	10	0.50 x 0.67 x 0.50	994-037956-005	S FFT	C20	5
7.125-8.500	23	0.30	1.15	-20 to +65	10	0.88 x 0.88 x 0.73	994-037206-005	S FFT	C21	
7.200-7.800	23	0.20	1.15	0 to +65	10	0.88 x 0.88 x 0.73	994-037599-003	S FFT	C21	2
7.250-7.750	20	0.35	1.22	-30 to +55	10	0.87 x 0.96 x 0.74	996-725775-303	N FFT	C37	
7.700-8.500	20	0.40	1.20	-20 to +55	10	0.88 x 0.88 x 0.73	994-037599-006	S FFT	C21	2
7.850-8.450	23	0.20	1.15	0 to +65	10	0.88 x 0.88 x 0.73	994-037599-004	S FFT	C21	
8.000-10.500	20	0.35	1.22	0 to +65	10	0.74 x 0.90 x 0.50	994-037202-013	S FFT	C23	
8.450-10.550	23	0.35	1.15	0 to +65	10	0.74 x 0.90 x 0.50	994-037202-012	S FFT	C23	
8.500-9.600	23	0.40	1.15	-20 to +65	10	0.88 x 0.88 x 0.73	094-037219-002	S FFT	C21	
9.200-10.200	23	0.40	1.15	-20 to +65	10	0.62 x 0.69 x 0.69	094-037221-001	S FFT	C24	1
10.200-10.800	23	0.30	1.15	-20 to +65	10	0.62 x 0.69 x 0.69	994-037498-006	S FFT	C24	1
10.400-11.800	20	0.35	1.22	-10 to +85	10	0.50 x 0.63 x 0.50	996-104118-001	S FFT	C38	
10.500-11.700	26	0.40	1.10	-20 to +55	10	0.88 x 0.88 x 0.73	994-037219-007	S FFT	C21	2
10.600-11.800	20	0.25	1.20	-20 to +55	10	0.62 x 0.69 x 0.63	994-037405-006	S FFT	C27	
10.700-12.750	22	0.30	1.30	-20 to +65	10	0.62 x 0.69 x 0.63	994-037405-002	S FFT	C27	
10.700-12.800	20	0.50	1.25	-20 to +65	10	0.62 x 0.85 x 0.70	994-037405-008	N FFT	C29	
10.700-13.250	20	0.40	1.20	-20 to +65	10	0.62 x 0.69 x 0.63	094-037825-001	S FFT	C27	
10.700-13.300	20	0.40	1.20	-20 to +65	10	0.62 x 0.69 x 0.63	094-037272-003	S FFT	C27	
10.900-12.800	20	0.40	1.20	-30 to +65	10	0.62 x 0.69 x 0.63	994-037280-010	S FFT	C27	
10.950-13.350	20	0.40	1.30	0 to +50	10	0.50 x 0.63 x 0.50	994-037466-004	S FFT	C28	
11.700-12.200	23	0.30	1.15	-20 to +65	10	0.62 x 0.69 x 0.69	994-037285-005	S FFT	C24	1
11.700-14.500	20	0.40	1.20	0 to +50	10	0.62 x 0.75 x 0.50	994-037510-011	S FFT	C25	2
12.000-13.250	20	0.40	1.20	-40 to +85	10	0.62 x 0.69 x 0.63	994-037405-007	S FFT	C27	
12.300-13.600	20	0.50	1.25	-20 to +65	10	0.50 x 0.63 x 0.50	994-037503-011	S FFT	C28	
12.700-15.400	20	0.40	1.20	-40 to +70	10	0.62 x 0.75 x 0.50	994-099307-005	S FFT	C25	

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13.000-16.000	20	0.40	1.25	-20 to +65	1	0.62 x 0.69 x 0.63	094-037306-001	S	FFT	C27	
13.750-14.500	20	0.40	1.20	-20 to +65	10	0.87 x 0.96 x 0.74	994-038069-005	N	FFT	C37	
13.750-14.500	20	0.50	1.15	-20 to +65	10	0.50 x 0.67 x 0.50	094-037471-003	S	FFT	C20	
13.750-14.800	20	0.50	1.15	-20 to +65	10	0.50 x 0.67 x 0.50	994-037471-004	S	FFT	C20	
13.900-14.600	23	0.40	1.15	-20 to +65	10	0.62 x 0.69 x 0.63	094-037918-003	S	FFT	C27	
14.000-14.500	23	0.40	1.15	-20 to +65	10	0.62 x 0.69 x 0.63	994-037231-005	S	FFT	C27	
14.000-15.500	20	0.50	1.20	-30 to +70	10	0.62 x 0.69 x 0.63	994-037918-009	S	FFT	C27	
14.400-14.500	28	0.30	1.08	-20 to +65	10	0.62 x 0.69 x 0.63	996-144145-101	S	FFT	C27	
14.400-15.350	21	0.30	1.20	-20 to +65	10	0.50 x 0.67 x 0.50	996-144153-001	S	FFT	C20	
15.000-15.500	20	0.40	1.25	-40 to +85	10	0.62 x 0.75 x 0.50	996-150155-133	S	FFT	C25	
15.000-18.000	20	0.50	1.25	-20 to +65	10	0.62 x 0.75 x 0.50	094-037461-003	S	FFT	C25	
16.000-18.000	20	0.50	1.25	-20 to +65	1	0.50 x 0.67 x 0.50	996-160180-001	S	FFT	C20	2
16.500-22.000	20	0.50	1.25	-20 to +65	1	0.50 x 0.67 x 0.50	994-037419-008	S	FFT	C20	
17.000-19.000	20	0.50	1.25	-20 to +60	1	0.50 x 0.67 x 0.50	094-037419-002	S	FFT	C20	2
17.300-18.400	20	0.50	1.20	-10 to +60	1	0.50 x 0.67 x 0.50	094-037419-006	S	FFT	C20	2
17.700-19.700	20	0.50	1.25	-20 to +65	10	0.50 x 0.67 x 0.50	094-037245-001	S	FFT	C20	2
17.700-21.300	20	0.50	1.25	-20 to +65	10	0.50 x 0.67 x 0.50	996-177213-001	S	FFT	C20	2
18.100-18.600	23	0.50	1.15	-20 to +65	10	0.50 x 0.67 x 0.50	094-038074-008	S	FFT	C28	2
19.200-20.200	20	0.40	1.20	-20 to +65	10	0.50 x 0.67 x 0.50	994-038034-002	S	FFT	C20	2
20.200-21.200	20	0.50	1.25	-20 to +65	10	0.50 x 0.63 x 0.50	996-202212-003	S	FFT	C28	2
21.200-23.600	20	0.50	1.25	-20 to +65	10	0.50 x 0.63 x 0.50	094-037250-002	S	FFT	C28	2

NOTES

- 1: No mounting holes
- 2: Removable connectors
- 4: Dimension between mounting holes is 0.50 inches
- 5: Dimension between mounting holes is 0.35 inches

* Case Temperature Not To Exceed Operating Temperature

** F = Female Connector M = Male Connector T = Termination | S = SMA N = N-Type