

STANDARD 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 by request.

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 consult the factory for non-standard configurations.

Note 1: No Mounting Holes

Note 2: Removable Connectors

Note 3: CW Power Rating is 200 W

Note 4: Dimension Between Mounting Holes is 0.50 inches

Note 5: Dimension Between Mounting Holes is 0.35 inches

F = Female Connector M = Male Connector T = Termination

*** Case Temperature Not To Exceed Operating Temperature**

Coaxial Isolators - Standard Line

Frequency Range (GHz)	Isolation (Min) (-dB)	Insertion Loss (Max) (-dB)	VSWR (Max)	Operating Temperature °C	Termination Rating (Watts)	Dimensions (in x in x in)	Part Number	Connector Type & Termination Configuration	Notes	Outline Drawing
0.410-0.470	20	0.40	1.22	0 to +85	150	2.50x2.50x1.10	996-410470-902	SMA - FFT	-	C41
0.750-0.960	20	0.40	1.20	-10 to +65	15	1.68x2.05x1.26	094-037054-003	N-Type - FFT	-	C06
0.750-0.960	20	0.40	1.20	-10 to +65	10	1.25x1.25x0.87	094-037055-002	SMA - FFT	-	C07
0.800-0.900	23	0.40	1.15	-10 to +65	10	1.25x1.25x0.87	094-037438-001	SMA - FFT	-	C07

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0.800-1.000	19	0.50	1.25	0 to +50	10	1.25x1.25x0.87	094-037064-009	SMA - FFT	-	C07
0.850-1.100	20	0.40	1.20	0 to +50	10	1.25x1.25x0.87	996-850110-501	SMA - FFT	-	C07
0.890-0.960	20	0.40	1.20	-10 to +65	15	1.68x2.05x1.26	994-037069-003	SMA - FFT	-	C06
0.910-1.010	20	0.40	1.20	-10 to +65	10	1.25x1.25x0.87	994-037774-005	SMA - FFT	-	C07
0.950-1.225	20	0.40	1.25	-10 to +65	10	1.25x1.25x0.55	094-037071-001	SMA - FFT	-	C08
0.960-1.220	20	0.40	1.20	0 to +60	10	1.25x1.25x0.55	994-037541-003	SMA - FFT	-	C08
1.045-1.155	23	0.30	1.15	-20 to +65	10	1.25x1.25x0.63	094-037638-001	SMA - FFT	-	C33
1.200-1.300	20	0.50	1.15	0 to +65	10	1.25x1.25x0.75	994-037664-022	SMA - FFT	-	C34
1.200-1.400	20	0.40	1.15	0 to +50	10	1.25x1.25x0.87	994-037076-009	SMA - FFT	-	C09
1.200-1.500	19	0.45	1.25	-20 to +65	10	1.25x1.25x0.87	094-	SMA - FFT	-	C09

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							037076-001			
1.200-1.500	19	0.45	1.25	-20 to +65	30	1.25x1.25x0.87	094-037076-002	SMA - FFT	-	C09
1.300-1.400	20	0.50	1.15	0 to +65	10	1.25x1.25x0.75	994-037664-023	SMA - FFT	-	C34
1.400-1.540	20	0.40	1.20	-20 to +65	10	1.25x1.25x0.87	094-037079-001	SMA - FFT	-	C09
1.500-1.600	22	0.25	1.15	-20 to +65	10	1.25x1.25x0.87	994-037082-006	SMA - FFT	-	C09
1.500-1.700	20	0.40	1.25	-20 to +65	10	1.25x1.25x0.87	094-037082-003	SMA - FFT	-	C09
1.620-1.660	23	0.30	1.15	-20 to +65	10	1.25x1.25x0.87	994-037082-005	SMA - FFT	-	C07
1.700-2.000	20	0.40	1.20	-20 to +60	10	1.00x1.00x0.50	094-037087-001	SMA - FFT	-	C10
1.700-2.100	20	0.30	1.15	-20 to +65	15	1.56x1.94x1.00	094-037093-002	SMA - FFT	-	C11
1.700-2.100	20	0.30	1.15	-20 to +65	15	1.56x1.94x1.00	094-037096-	N-Type - FFT	-	C11

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							001			
1.700-2.300	20	0.40	1.30	-20 to +65	15	1.56x1.94x1.00	094-037095-002	SMA - FFT	-	C11
1.700-2.300	20	0.40	1.30	-20 to +65	15	1.56x1.94x1.00	994-037099-003	N-Type - FFT	-	C11
1.800-2.100	23	0.40	1.15	-20 to +65	10	1.00x1.00x0.50	094-037537-004	SMA - FFT	-	C10
1.800-2.800	18	0.40	1.30	-20 to +65	10	1.63x1.63x0.76	094-037444-002	SMA - FFT	-	C13
1.900-2.000	23	0.40	1.15	-20 to +65	10	1.00x1.00x0.50	996-190200-401	SMA - FFT	-	C10
1.900-2.300	20	0.30	1.15	-20 to +65	15	1.56x1.94x1.00	994-037103-002	SMA - FFT	-	C11
1.900-2.300	20	0.30	1.15	-20 to +65	15	1.56x1.94x1.00	994-037596-003	N-Type - FFT	-	C11
1.900-2.350	20	0.35	1.22	0 to +65	10	1.63x1.63x0.76	994-037107-006	SMA - FFT	-	C13
1.980-2.280	20	0.40	1.20	-20 to +65	10	1.00x1.00x0.50	094-037109-003	SMA - FFT	-	C10

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1.990-2.500	20	0.30	1.22	0 to +65	10	1.25x1.36x0.50	996-199250-501	SMA - FFT	-	C40
2.000-2.300	20	0.40	1.20	-20 to +65	10	1.00x1.00x0.50	994-037110-003	SMA - FFT	-	C10
2.000-2.700	20	0.40	1.20	-20 to +65	10	1.75x1.76x0.75	094-037487-001	SMA - FFT	-	C14
2.200-2.300	20	0.40	1.20	-20 to +65	10	1.00x1.00x0.50	994-037113-003	SMA - FFT	-	C10
2.200-2.400	14	0.50	1.50	-20 to +60	30	1.00x1.00x0.50	996-220240-403	SMA - FFT	-	C10
2.200-2.400	20	0.40	1.20	-20 to +65	15	1.56x1.94x1.00	094-037120-002	SMA - FFT	-	C11
2.200-2.700	20	0.40	1.25	-20 to +65	15	1.56x1.94x1.00	994-037124-003	SMA - FFT	-	C11
2.200-2.700	20	0.40	1.25	-20 to +65	15	1.56x1.94x1.00	994-037121-006	N-Type - FFT	-	C11
2.320-2.350	26	0.30	1.10	-10 to +65	10	1.00x1.00x0.50	094-037087-006	SMA - FFT	-	C10
2.400-2.500	20	0.40	1.20	-20 to +65	10	1.00x1.00x0.50	994-	SMA - FFT	-	C10

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							037133-010			
2.450-2.700	20	0.40	1.20	-20 to +65	10	1.00x1.00x0.50	994-037133-011	SMA - FFT	-	C10
2.450-2.700	20	0.40	1.25	-20 to +65	10	1.00x1.00x0.50	094-037132-001	SMA - FFT	-	C10
2.700-3.100	20	0.30	1.22	-20 to +65	10	1.25x1.25x0.76	996-270310-501	SMA - FFT	-	C12
2.500-3.200	23	0.40	1.15	-20 to +65	10	1.75x1.75x0.75	994-037739-005	SMA - FFT	-	C14
3.000-4.200	20	0.40	1.20	-20 to +65	10	1.25x1.25x0.76	094-037911-001	SMA - FFT	-	C12
3.100-3.600	20	0.40	1.20	-20 to +65	10	0.75x0.89x0.50	994-037866-005	SMA - FFT	-	C16
3.400-4.200	20	0.40	1.25	-20 to +65	10	1.00x1.10x0.70	996-340420-401	N-Type - FFT	-	C31

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Coaxial Isolators - Standard Line (cont.)

Frequency Range (GHz)	Isolation (Min) (-dB)	Insertion Loss (Max) (-dB)	VSWR (Max)	Operating Temperature °C	Termination Rating (Watts)	Dimensions (in x in x in)	Part Number	Connector Type & Termination Configuration	Notes	Outline Drawing
3.400-4.200	20	0.40	1.20	-20 to +65	15	1.00x1.36x1.00	994-037146-009	N-Type - FFT	-	C15
3.400-4.200	20	0.40	1.25	-20 to +65	10	0.75x0.89x0.50	094-037139-001	SMA - FFT	-	C16
3.400-4.800	20	0.50	1.20	0 to +50	10	1.25x1.25x0.76	094-037143-003	SMA - FFT	-	C12
3.400-6.750	20	0.40	1.25	-20 to +65	10	1.00x1.10x0.70	994-037168-015	N-Type - FFT	-	C31
3.600-4.200	20	0.30	1.15	-20 to +65	15	1.00x1.36x1.00	994-037711-007	N-Type - FFT	-	C15
3.600-4.200	27	0.20	1.10	-20 to +65	10	0.75x0.89x0.50	094-037162-002	SMA - FFT	-	C16
3.600-5.300	20	0.40	1.25	0 to +50	10	1.25x1.25x0.76	094-037143-006	SMA - FFT	-	C12

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3.700-4.200	27	0.20	1.10	-20 to +65	10	0.74x0.90x0.50	094-037162-001	SMA - FFT	-	C23
3.700-6.500	20	0.40	1.25	-20 to +65	10	1.00x1.00x0.60	094-037164-001	SMA - FFT	-	C17
4.400-5.000	20	0.20	1.20	-20 to +55	10	0.75x0.86x0.49	994-037168-009	SMA - FFT	2	C19
4.400-5.100	26	0.20	1.10	-20 to +65	10	0.75x0.86x0.49	094-037806-010	SMA - FFT	2	C19
4.500-6.800	20	0.40	1.22	0 to +65	10	1.00x1.10x0.58	994-037168-013	SMA - FFT	-	C18
4.600-5.550	20	0.40	1.20	0 to +65	10	1.00x1.10x0.58	994-038065-003	SMA - FFT	-	C18
4.800-5.400	20	0.40	1.25	-20 to +65	10	1.00x1.10x0.58	994-037612-002	SMA - FFT	-	C18
5.300-5.900	20	0.40	1.25	-20 to +65	10	1.00x1.10x0.70	996-530590-405	N-Type - FFT	-	C31
5.400-5.900	20	0.40	1.25	-20 to +65	10	0.50x0.67x0.50	994-037182-003	SMA - FFT	-	C20
5.670-6.425	26	0.35	1.10	-20 to +55	10	0.87x0.87x0.74	994-	SMA - FFT	2	C21

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							037196-017			
5.700-6.600	20	0.40	1.20	-20 to +70	10	0.50x0.67x0.50	994-037192-009	SMA - FFT	5	C20
5.800-6.500	23	0.30	1.15	-20 to +65	10	0.88x0.88x0.73	094-037189-002	SMA - FFT	-	C21
5.800-6.750	20	0.40	1.25	-20 to +65	10	1.00x1.10x0.70	996-580675-401	N-Type - FFT	-	C31
5.800-7.100	20	0.40	1.20	-10 to +60	10	0.88x0.88x0.73	094-037189-013	SMA - FFT	-	C21
5.800-7.300	20	0.40	1.20	-20 to +55	10	0.88x0.88x0.73	994-037188-016	SMA - FFT	-	C21
5.850-6.425	20	0.40	1.15	-20 to +55	10	0.88x0.88x0.73	994-095326-005	SMA - FFT	-	C21
5.850-6.425	20	0.50	1.15	0 to +50	10	0.87x1.10x1.00	994-037854-004	N-Type - FFT	-	C30
5.850-6.725	20	0.40	1.22	-20 to +55	10	0.88x0.88x0.73	994-037614-009	SMA - FFT	2	C21
5.850-8.400	20	0.40	1.20	-20 to +65	10	0.88x0.88x0.73	994-037188-	SMA - FFT	-	C21

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009										
5.900-6.500	20	0.40	1.25	-20 to +65	10	0.50x0.67x0.50	994-037192-010	SMA - FFT	5	C20
5.900-6.500	23	0.30	1.15	-20 to +65	10	0.88x0.88x0.73	094-037189-001	SMA - FFT	-	C21
5.900-6.500	23	0.30	1.15	-20 to +65	10	0.87x1.10x1.00	994-037186-011	N-Type - FFT	-	C30
5.900-8.500	20	0.40	1.20	-20 to +65	10	0.88x0.88x0.73	994-037519-007	SMA - FFT	-	C21
6.000-7.250	23	0.20	1.15	0 to +65	10	0.88x0.88x0.73	994-037538-009	SMA - FFT	-	C21
6.400-7.200	23	0.30	1.15	-20 to +65	10	0.88x0.88x0.73	094-037196-002	SMA - FFT	-	C21
6.425-7.125	26	0.35	1.10	-20 to +55	10	0.88x0.88x0.73	994-037196-018	SMA - FFT	-	C21
6.500-7.800	20	0.40	1.20	-20 to +55	10	0.88x0.88x0.73	994-037196-026	SMA - FFT	-	C21
7.000-8.570	20	0.40	1.20	-20 to +55	10	0.88x0.88x0.73	994-037196-012	SMA - FFT	-	C21

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7.100-7.900	26	0.35	1.10	-20 to +55	10	0.88x0.88x0.73	994-037196-019	SMA - FFT	2	C21
7.100-7.900	20	0.30	1.22	-10 to +70	10	0.50x0.67x0.50	996-710790-001	SMA - FFT	-	C20
7.100-8.400	20	0.30	1.25	-20 to +55	10	0.62x0.75x0.50	994-038052-002	SMA - FFT	4	C25
7.100-8.500	23	0.30	1.15	-20 to +65	10	0.88x0.88x0.73	094-037538-001	SMA - FFT	-	C21
7.100-8.500	20	0.40	1.15	-20 to +55	10	0.74x0.90x0.50	994-037856-001	SMA - FFT	-	C23
7.100-8.500	20	0.40	1.20	-20 to +65	10	0.50x0.67x0.50	994-037956-005	SMA - FFT	5	C20
7.125-8.500	23	0.30	1.15	-20 to +65	10	0.88x0.88x0.73	994-037206-005	SMA - FFT	-	C21
7.200-7.800	23	0.20	1.15	0 to +65	10	0.88x0.88x0.73	994-037599-003	SMA - FFT	2	C21
7.250-7.750	20	0.35	1.22	-30 to +55	10	0.87x0.96x0.74	996-725775-303	N-Type - FFT	-	C37
7.700-8.500	20	0.40	1.20	-20 to +55	10	0.88x0.88x0.73	994-	SMA - FFT	2	C21

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							037599-006			
7.850-8.450	23	0.20	1.15	0 to +65	10	0.88x0.88x0.73	994-037599-004	SMA - FFT	-	C21
8.000-10.500	20	0.35	1.22	0 to +65	10	0.74x0.90x0.50	994-037202-013	SMA - FFT	-	C23
8.450-10.550	23	0.35	1.15	0 to +65	10	0.74x0.90x0.50	994-037202-012	SMA - FFT	-	C23
8.500-9.600	23	0.40	1.15	-20 to +65	10	0.88x0.88x0.73	094-037219-002	SMA - FFT	-	C21

Coaxial Isolators - Standard Line (cont.)

Frequency Range (GHz)	Isolation (Min) (-dB)	Insertion Loss (Max) (-dB)	VSWR (Max)	Operating Temperature °C	Termination Rating (Watts)	Dimensions (in x in x in)	Part Number	Connector Type & Termination Configuration	Notes	Outline Drawing
9.200-10.200	23	0.40	1.15	-20 to +65	10	0.62x0.69x0.69	094-037221-001	SMA - FFT	1	C24
10.200-10.800	23	0.30	1.15	-20 to +65	10	0.62x0.69x0.69	994-037498-006	SMA - FFT	1	C24
10.400-	20	0.35	1.22	-10 to +85	10	0.50x0.63x0.50	996-	SMA - FFT	-	C38

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11.800							104118-001			
10.500-11.700	26	0.40	1.10	-20 to +55	10	0.88x0.88x0.73	994-037219-007	SMA - FFT	2	C21
10.600-11.800	20	0.25	1.20	-20 to +55	10	0.62x0.69x0.63	994-037405-006	SMA - FFT	-	C27
10.700-12.750	22	0.30	1.30	-20 to +65	10	0.62x0.69x0.63	994-037405-002	SMA - FFT	-	C27
10.700-12.800	20	0.50	1.25	-20 to +65	10	0.62x0.85x0.70	994-037405-008	N-Type - FFT	-	-
10.700-13.250	20	0.40	1.20	-20 to +65	10	0.62x0.69x0.63	094-037825-001	SMA - FFT	-	C27
10.700-13.300	20	0.40	1.20	-20 to +65	10	0.62x0.69x0.63	094-037272-003	SMA - FFT	-	C27
10.900-12.800	20	0.40	1.20	-30 to +65	10	0.62x0.69x0.63	994-037280-010	SMA - FFT	-	C27
10.950-13.350	20	0.40	1.30	0 to +50	10	0.50x0.63x0.50	994-037466-004	SMA - FFT	-	C28
11.700-12.200	23	0.30	1.15	-20 to +65	10	0.62x0.69x0.69	994-037285-	SMA - FFT	1	C24

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11.700-14.500	20	0.40	1.20	0 to +50	10	0.62x0.75x0.50	994-037510-011	SMA - FFT	2	C25
12.000-13.250	20	0.40	1.20	-40 to +85	10	0.62x0.69x0.63	994-037405-007	SMA - FFT	-	C27
12.300-13.600	20	0.50	1.25	-20 to +65	10	0.50x0.63x0.50	994-037503-011	SMA - FFT	-	C28
12.700-15.400	20	0.40	1.20	-40 to +70	10	0.62x0.75x0.50	994-099307-005	SMA - FFT	-	C25
13.000-16.000	20	0.40	1.25	-20 to +65	1	0.62x0.69x0.63	094-037306-001	SMA - FFT	-	C27
13.750-14.500	20	0.40	1.20	-20 to +65	10	0.87x0.96x0.74	994-038069-005	N-Type - FFT	-	C37
13.750-14.500	20	0.50	1.15	-20 to +65	10	0.50x0.67x0.50	094-037471-003	SMA - FFT	-	C20
13.750-14.800	20	0.50	1.15	-20 to +65	10	0.50x0.67x0.50	994-037471-004	SMA - FFT	-	C20
13.900-14.600	23	0.40	1.15	-20 to +65	10	0.62x0.69x0.63	094-037918-003	SMA - FFT	-	C27

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14.000-14.500	23	0.40	1.15	-20 to +65	10	0.62x0.69x0.63	994-037231-005	SMA - FFT	-	C27
14.000-15.500	20	0.50	1.20	-30 to +70	10	0.62x0.69x0.63	994-037918-009	SMA - FFT	-	C27
14.400-14.500	28	0.30	1.08	-20 to +65	10	0.62x0.69x0.63	996-144145-101	SMA - FFT	-	C27
14.400-15.350	21	0.30	1.20	-20 to +65	10	0.50x0.67x0.50	996-144153-001	SMA - FFT	-	C20
15.000-15.500	20	0.40	1.25	-40 to +85	10	0.62x0.75x0.50	996-150155-133	SMA - FFT	-	C25
15.000-18.000	20	0.50	1.25	-20 to +65	10	0.62x0.75x0.50	094-037461-003	SMA - FFT	-	C25
16.000-18.000	20	0.50	1.25	-20 to +65	1	0.50x0.67x0.50	996-160180-001	SMA - FFT	2	C20
16.500-22.000	20	0.50	1.25	-20 to +65	1	0.50x0.67x0.50	994-037419-008	SMA - FFT	-	C20
17.000-19.000	20	0.50	1.25	-20 to +60	1	0.50x0.67x0.50	094-037419-002	SMA - FFT	2	C20
17.300-	20	0.50	1.20	-10 to +60	1	0.50x0.67x0.50	094-	SMA - FFT	2	C20

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18.400							037419-006			
17.700-19.700	20	0.50	1.25	-20 to +65	10	0.50x0.67x0.50	094-037245-001	SMA - FFT	2	C20
17.700-21.300	20	0.50	1.25	-20 to +65	10	0.50x0.67x0.50	996-177213-001	SMA - FFT	2	C20
18.100-18.600	23	0.50	1.15	-20 to +65	10	0.50x0.67x0.50	094-038074-008	SMA - FFT	2	C28
19.200-20.200	20	0.40	1.20	-20 to +65	10	0.50x0.67x0.50	994-038034-002	SMA - FFT	2	C20
20.200-21.200	20	0.40	1.25	-20 to +65	10	0.50x0.63x0.50	996-202212-003	SMA - FFT	2	C28
21.200-23.600	20	0.50	1.25	-20 to +65	10	0.50x0.63x0.50	094-037250-002	SMA - FFT	2	C28
27.000-31.000	16	1.00	1.40	-40 to +85	1	0.50x0.63x0.50	996-270310-001	K - FFT	-	C28