

STANDARD CIRCULATORS



The circulator part numbers listed below all have FFF configuration (female - female - female) with clockwise rotation. The other standard configurations (FFM, FMF, MFF, MMF, MFM, FMM, and MMM) and counter-clockwise rotation are available for any of these part numbers. Counter-clockwise rotation would be obtained by adding CCW at the end. In addition, many designs are available in non-standard configurations with mixed SMA and N-Type connectors.

Note 1: No Mounting Holes

Note 2: Removable Connectors

Note 3: CW Power Rating is 200 W

Note 5: Dimension Between Mounting Holes is 0.35 inches

F = Female Connector M = Male Connector S = SMA N = N-Type

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

Coaxial Circulators - Standard Line

Frequency Range (GHz)	Insertion Loss (Max) (-dB)	VSWR (Max)	Operating Temperature °C	Dimensions (in x in x in)	Part Number	Connector Type	Termination Configuration	Notes	Outline Drawing
0.750-0.960	0.40	1.20	-10 to +65	1.68x2.05x1.27	094-037054-002	N-Type	FFF	-	C06
0.750-0.960	0.40	1.20	-10 to +65	1.25x1.25x0.87	094-037055-003	SMA	FFF	-	C07
0.800-0.900	0.40	1.15	-10 to +65	1.25x1.25x0.87	094-037065-001	SMA	FFF	-	C07
0.850-0.960	0.40	1.25	-20 to +65	1.68x2.05x1.27	994-037054-006	N-Type	FFF	-	C06

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0.850-0.960	0.40	1.20	0 to +50	1.25x1.25x0.87	995-850960-501	SMA	FFF	-	C07
0.850-1.100	0.40	1.20	0 to +50	1.25x1.25x0.87	995-850110-501	SMA	FFF	-	C07
0.902-0.928	0.35	1.20	-20 to +65	1.25x1.25x0.87	995-902928-501	SMA	FFF	-	C07
0.950-1.225	0.40	1.25	-20 to +60	1.25x1.25x0.55	094-037071-002	SMA	FFF	-	C08
0.960-1.220	0.40	1.20	0 to +60	1.25x1.25x0.55	994-037526-003	SMA	FFF	-	C08
1.020-1.100	0.40	1.20	0 to +60	1.25x1.25x0.55	994-037526-002	SMA	FFF	-	C08
1.200-1.500	0.40	1.20	-20 to +65	1.25x1.25x0.87	994-037075-005	SMA	FFF	-	C09
1.500-2.000	0.40	1.25	-10 to +85	1.56x1.94x1.00	995-150200-601	SMA	FFF	3	C11
1.700-2.000	0.40	1.20	-20 to +60	1.00x1.00x0.50	094-037086-001	SMA	FFF	-	C10
1.700-2.100	0.30	1.15	-20 to +65	1.56x1.94x1.00	094-	SMA	FFF	3	C11

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					037092-001				
1.700-2.100	0.30	1.15	-20 to +65	1.56x1.94x1.00	094-037096-004	N-Type	FFF	-	C11
1.700-2.300	0.40	1.30	-20 to +65	1.56x1.94x1.00	094-037095-001	SMA	FFF	-	C11
1.700-2.300	0.40	1.30	-20 to +65	1.56x1.94x1.00	994-037097-002	N-Type	FFF	3	C11
1.800-2.100	0.40	1.15	-20 to +60	1.00x1.00x0.50	094-037100-001	SMA	FFF	-	C10
1.800-2.800	0.40	1.30	-20 to +65	1.63x1.63x0.76	995-180280-701	SMA	FFF	-	C13
1.900-2.300	0.30	1.15	-20 to +65	1.56x1.94x1.00	994-037596-007	SMA	FFF	-	C11
1.900-2.300	0.30	1.15	-20 to +65	1.56x1.94x1.00	994-037717-002	N-Type	FFF	3	C11
1.900-2.350	0.35	1.22	0 to +60	1.63x1.63x0.76	994-037107-007	SMA	FFF	-	C13
1.900-2.500	0.40	1.25	-20 to +65	1.63x1.63x0.76	094-037107-	SMA	FFF	1	C13

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2.000-2.300	0.40	1.20	-20 to +60	1.00x1.00x0.50	994-037108-006	SMA	FFF	2	C10
2.000-2.500	0.40	1.30	-20 to +80	1.56x1.94x1.00	995-200250-601	N-Type	FFF	3	C11
2.200-2.700	0.40	1.25	-20 to +65	1.56x1.94x1.00	994-037127-002	SMA	FFF	-	C11
2.200-2.700	0.40	1.25	-20 to +65	1.56x1.94x1.00	094-037121-001	N-Type	FFF	3	C11
2.400-2.700	0.40	1.25	-20 to +65	1.00x1.00x0.50	994-037133-006	SMA	FFF	-	C10
3.400-4.200	0.40	1.20	-20 to +65	1.00x1.36x1.00	994-037146-007	N-Type	FFF	-	C15
3.400-4.200	0.40	1.25	-20 to +65	0.75x0.89x0.50	994-037139-004	SMA	FFF	-	C16
3.600-4.200	0.30	1.15	-20 to +65	1.00x1.36x1.00	994-037763-003	N-Type	FFF	-	C15
3.600-4.200	0.20	1.10	-20 to +65	0.75x0.89x0.50	994-037162-006	SMA	FFF	-	C16

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3.700-6.500	0.40	1.25	-20 to +65	1.00x1.00x0.60	094-037164-002	SMA	FFF	-	C17
4.400-5.100	0.20	1.10	-20 to +65	0.75x0.86x0.49	094-037806-005	SMA	FFF	2	C19
4.400-5.100	0.40	1.20	-20 to +65	0.75x0.86x0.49	094-037806-009	N-Type	FFF	-	C19
4.400-5.900	0.40	1.30	-40 to +70	1.00x1.00x0.60	994-037164-007	SMA	FFF	-	C17
5.000-6.000	0.45	1.18	-20 to +65	1.00x1.00x0.60	995-500600-401	SMA	FFF	-	C17
5.400-5.900	0.40	1.25	-20 to +65	0.50x0.67x0.50	094-037180-001	SMA	FFF	5	C20
5.700-5.900	0.20	1.13	-30 to +85	0.88x0.88x0.73	094-037189-015	SMA	FFF	-	C21
5.900-7.100	0.30	1.22	-10 to +70	0.50x0.67x0.50	995-590710-001	SMA	FFF	5	C20
5.900-8.500	0.40	1.25	-20 to +65	0.87x0.87x0.74	094-037188-003	SMA	FFF	-	C21
5.925-7.125	0.20	1.22	-30 to +65	1.00x1.10x0.50	995-	SMA	FFF	-	C36

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					592712-401				
6.400-7.100	0.20	1.15	-10 to +70	1.00x1.10x0.50	995-640710-403	SMA	FFF	-	C36
7.100-7.900	0.30	1.22	-10 to +70	0.50x0.67x0.50	995-710790-001	SMA	FFF	5	C20
7.100-8.500	0.20	1.15	-10 to +70	1.00x1.10x0.50	995-710850-423	SMA	FFF	-	C36
7.900-8.400	0.30	1.20	-20 to +65	0.50x0.67x0.50	995-790840-001	SMA	FFF	5	C20
8.500-9.600	0.40	1.15	-20 to +65	0.87x0.87x0.74	094-037219-003	SMA	FFF	-	C21
9.200-10.200	0.40	1.15	-20 to +65	0.62x0.69x0.69	094-037221-002	SMA	FFF	1	C24
10.700-13.300	0.40	1.20	-20 to +65	0.62x0.69x0.63	094-037272-004	SMA	FFF	-	C27
12.300-13.600	0.50	1.25	-20 to +65	0.50x0.63x0.50	994-037503-015	SMA	FFF	-	C28
12.600-13.300	0.30	1.15	-20 to +65	0.62x0.69x0.69	994-037305-	SMA	FFF	-	C24

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13.000-16.000	0.40	1.25	-20 to +65	0.62x0.69x0.63	094-037306-004	SMA	FFF	2	C27
13.900-14.600	0.40	1.15	-20 to +65	0.62x0.69x0.63	994-037918-008	SMA	FFF	-	C27
14.000-15.500	0.50	1.20	-30 to +70	0.50x0.67x0.50	995-140155-101	SMA	FFF	2	C20
14.400-14.500	0.30	1.08	-20 to +65	0.62x0.69x0.63	995-144145-101	SMA	FFF	-	C27
15.000-18.000	0.50	1.25	-20 to +65	0.62x0.75x0.50	094-037461-001	SMA	FFF	2	C25
17.700-19.700	0.50	1.25	-20 to +65	0.50x0.67x0.50	994-037245-003	SMA	FFF	-	C20

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