

## Low Power Drop-In Isolators

All catalog part numbers are for devices with clockwise rotation, however, counter-clockwise rotation is available by request. Encapsulation is available on some designs for high peak power and high altitude capability. Contact our Customer Service Representatives for special performance and unique mechanical configurations. We have many other designs not listed here on our website as we develop new designs almost on a daily basis.

Frequency Range (GHz)	Isolation (Min) (-dB)	Insertion Loss (Max) (-dB)	VSWR (Max)	Reverse Power (Watts)	Power Rating (Watts)	* Operating Temperature °C	Footprint (in x in)	Part Number	Outline Drawing	Notes
0.800 - 0.960	18	0.60	1.28	10	150	-0 to +85	1.00 x 1.00	891-800960-501	D12	
0.810 - 0.855	18	0.38	1.30	10	200	-10 to +70	1.00 x 1.00	891-810855-501	D12	
0.850 - 0.960	20	0.40	1.22	10	200	-20 to +70	1.00 x 1.00	891-850960-501	D12	
0.869 - 0.894	22	0.25	1.18	10	200	-10 to +70	1.00 x 1.00	891-869894-551	D12	
0.920 - 0.928	21	0.27	1.20	10	200	-20 to +70	1.00 x 1.00	891-902928-501	D12	
0.925 - 0.960	22	0.25	1.18	10	200	-10 to +70	1.00 x 1.00	891-925960-551	D12	
1.000 - 1.100	20	0.30	1.22	10	150	-40 to +85	1.00 x 1.00	991-100110-501	D28	
1.400 - 1.600	19	0.30	1.20	10	75	-30 to +70	0.75 x 0.75	991-140160-301	D26	
1.600 - 1.800	19	0.30	1.20	10	75	-30 to +70	0.75 x 0.75	991-160180-301	D26	
1.625 - 1.666	20	0.30	1.25	10	100	-40 to +70	0.75 x 0.75	991-162166-301	D17	
1.700 - 2.000	20	0.30	1.25	10	50	-20 to +85	0.75 x 0.75	994-039031-011	D17	
1.750 - 1.860	20	0.32	1.22	10	200	-20 to +70	1.00 x 1.00	891-175186-501	D12	
1.800 - 1.880	20	0.35	1.22	10	30	-40 to +100	0.75 x 0.75	994-039034-007	D17	
1.800 - 2.000	20	0.30	1.22	10	75	-30 to +70	0.75 x 0.75	991-180200-301	D26	
1.805 - 1.880	21	0.25	1.20	10	150	-20 to +70	0.75 x 0.75	891-180188-351	D14	
1.805 - 1.880	21	0.28	1.20	10	200	-20 to +70	1.00 x 1.00	891-180188-551	D12	
1.900 - 2.100	20	0.40	1.25	10	30	-40 to +100	0.75 x 0.75	094-039032-001	D17	
1.930 - 1.990	20	0.25	1.25	10	50	-40 to +100	0.75 x 0.75	094-039041-001	D17	
1.930 - 1.990	21	0.25	1.20	10	150	-20 to +70	0.75 x 0.75	891-193199-351	D14	
1.930 - 1.990	21	0.28	1.20	10	200	-20 to +70	1.00 x 1.00	891-193199-551	D12	
1.990 - 2.500	17	0.50	1.33	10	50	0 to +65	0.75 x 0.75	991-199250-301	D26	
2.000 - 2.150	20	0.30	1.20	10	30	-40 to +100	0.75 x 0.75	094-039032-003	D17	
2.000 - 2.300	20	0.30	1.22	10	75	-30 to +70	0.75 x 0.75	991-200230-301	D26	
2.100 - 2.200	20	0.30	1.25	10	30	-40 to +100	0.75 x 0.75	094-039033-010	D17	
2.100 - 2.200	21	0.27	1.20	10	150	-20 to +70	0.75 x 0.75	891-210220-351	D14	
2.100 - 2.300	20	0.40	1.25	10	30	-40 to +100	0.75 x 0.75	094-039033-003	D17	
2.110 - 2.170	22	0.28	1.17	10	150	-20 to +70	0.75 x 0.75	891-211217-351	D14	
2.190 - 2.390	23	0.28	1.20	10	150	-20 to +70	0.75 x 0.75	891-219239-301	D14	
2.200 - 2.300	23	0.25	1.15	10	70	-40 to +85	0.75 x 0.75	094-039033-004	D17	
2.200 - 2.400	20	0.38	1.22	10	70	-20 to +70	0.75 x 0.75	891-220240-301	D14	
2.300 - 2.500	20	0.25	1.22	10	70	-30 to +70	0.75 x 0.75	094-039029-004	D17	
2.300 - 2.700	20	0.25	1.22	10	70	-30 to +70	0.75 x 0.75	991-230270-301	D26	
2.450 - 2.500	22	0.25	1.17	10	70	-10 to +80	0.75 x 0.75	991-245250-301	D26	
2.500 - 2.700	20	0.30	1.22	10	70	-30 to +70	0.75 x 0.75	094-039029-003	D17	
2.600 - 2.700	21	0.27	1.20	10	150	-20 to +70	0.75 x 0.75	891-260270-301	D14	

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2.710 - 2.730	21	0.27	1.20	10	100	-20 to +70	0.75 x 0.75	891-271273-301	D14	
2.800 - 3.500	21	0.35	1.20	10	150	-20 to +70	0.75 x 0.75	891-280350-301	D14	
3.200 - 3.600	20	0.40	1.22	10	20	-20 to +85	0.75 x 0.75	991-320360-301	D26	
3.400 - 3.600	20	0.35	1.25	10	100	-40 to +85	0.75 x 0.75	994-039063-011	D17	5, 6
3.400 - 4.200	20	0.40	1.22	10	20	0 to +70	0.75 x 0.75	991-340420-301	D17	
3.500 - 5.100	16	0.50	1.38	3	20	-10 to +85	0.75 x 0.75	991-350510-301	D17	5, 7
4.400 - 5.000	19	0.50	1.25	3	50	0 to +65	0.50 x 0.50	991-440500-201	D18	
4.500 - 4.800	20	0.30	1.22	10	20	-30 to +70	0.75 x 0.75	994-039063-007	D17	5, 7
4.500 - 5.300	19	0.50	1.25	10	50	0 to +65	0.50 x 0.50	991-450530-201	D18	
4.625 - 4.725	20	0.30	1.22	10	50	0 to +85	0.50 x 0.50	991-462472-201	D18	
5.000 - 5.300	20	0.40	1.22	10	50	-40 to +85	0.50 x 0.50	994-039048-003	D18	7
5.200 - 5.800	20	0.40	1.20	10	50	-40 to +85	0.375 x 0.500	994-039052-006	D20	
5.200 - 5.900	23	0.40	1.14	10	75	-20 to +70	0.375 x 0.500	994-039052-010	D20	
5.400 - 5.900	20	0.50	1.22	5	50	-20 to +85	0.50 x 0.50	991-540590-201	D18	9
5.700 - 6.700	20	0.40	1.25	10	50	-40 to +85	0.50 x 0.50	994-039042-019	D18	
5.725 - 5.825	20	0.30	1.22	10	50	0 to +85	0.50 x 0.50	991-572582-201	D18	
5.725 - 7.125	18	0.40	1.30	3	50	0 to +85	0.50 x 0.50	991-572712-202	D18	
5.800 - 6.500	20	0.40	1.20	10	50	-40 to +85	0.375 x 0.500	094-039052-001	D20	
5.800 - 6.500	20	0.40	1.25	10	50	-40 to +85	0.50 x 0.50	991-580650-201	D18	
5.800 - 6.700	20	0.50	1.25	10	50	-40 to +85	0.50 x 0.50	094-039042-003	D18	
5.800 - 7.100	20	0.40	1.25	10	25	-40 to +85	0.50 x 0.50	991-580710-201	D18	
5.850 - 6.425	18	0.40	1.22	3	25	-30 to +85	0.350 x 0.475	094-039059-001	D21	
5.850 - 6.725	20	0.50	1.20	10	25	-30 to +80	0.350 x 0.475	991-585672-901	D21	
5.850 - 6.725	20	0.50	1.25	10	25	-30 to +80	0.50 x 0.50	094-039042-007	D18	
5.850 - 6.725	20	0.50	1.20	10	25	-30 to +80	0.375 x 0.500	094-039052-002	D20	
6.400 - 7.200	20	0.40	1.20	10	25	-40 to +85	0.375 x 0.625	994-039052-015	D29	
6.400 - 7.200	21	0.30	1.18	10	25	-40 to +85	0.375 x 0.500	994-039052-013	D20	
6.400 - 7.200	20	0.40	1.22	10	25	-40 to +85	0.350 x 0.475	994-039066-010	D21	
6.400 - 7.200	20	0.40	1.22	10	25	-40 to +85	0.50 x 0.50	994-039042-013	D18	
6.400 - 7.800	20	0.50	1.25	10	20	-40 to +85	0.50 x 0.50	994-039042-017	D18	
6.600 - 7.100	20	0.40	1.22	10	25	-40 to +85	0.350 x 0.475	994-039066-008	D21	
6.700 - 7.500	20	0.40	1.22	10	25	-40 to +85	0.50 x 0.50	994-039042-014	D18	
6.700 - 7.750	20	0.50	1.25	10	20	-40 to +85	0.50 x 0.50	994-039042-016	D18	
7.000 - 7.800	20	0.40	1.25	10	20	-40 to +80	0.375 x 0.625	991-700780-901	D23	
7.100 - 7.900	20	0.50	1.25	10	20	-40 to +85	0.50 x 0.50	991-710790-201	D18	
7.200 - 8.400	19	0.50	1.25	5	10	0 to +65	0.50 x 0.50	991-720840-201	D18	7
7.250 - 7.750	20	0.50	1.20	10	20	-20 to +70	0.50 x 0.50	994-039042-015	D18	
7.400 - 8.100	20	0.40	1.20	3	10	-20 to +70	0.375 x 0.500	991-740810-101	D20	
7.500 - 8.500	19	0.50	1.25	3	10	-30 to +60	0.375 x 0.500	991-750850-101	D20	
7.700 - 8.500	21	0.45	1.20	3	10	-20 to +70	0.375 x 0.500	991-770850-101	D20	

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7.700 - 8.500	20	0.50	1.30	3	10	-40 to +85	0.50 x 0.50	991-770850-201	D18	
7.700 - 8.800	20	0.40	1.25	3	10	-30 to +80	0.375 x 0.625	991-770880-903	D23	
7.700 - 10.500	18	0.65	1.29	3	10	0 to +65	0.350 x 0.475	991-770105-901	D21	
7.900 - 8.400	20	0.40	1.20	3	10	-20 to +70	0.375 x 0.500	994-039052-014	D20	
7.900 - 8.400	20	0.40	1.25	3	10	-30 to +80	0.375 x 0.625	991-790840-901	D23	
7.900 - 8.400	20	0.40	1.20	3	20	-20 to +70	0.50 x 0.50	094-039052-016	D18	7
8.500 - 9.000	20	0.40	1.25	3	10	-30 to +70	0.350 x 0.475	991-850900-901	D21	
8.500 - 10.100	20	0.40	1.22	3	10	-30 to +70	0.350 x 0.475	991-850101-901	D21	
9.000 - 9.200	20	0.35	1.25	5	10	-30 to +70	0.350 x 0.475	994-039066-013	D21	
9.700 - 9.900	20	0.40	1.22	5	10	-30 to +70	0.350 x 0.475	994-039066-004	D21	
9.900 - 10.100	20	0.30	1.22	5	10	-30 to +70	0.50 x 0.50	991-990101-203	D18	
10.000 - 11.700	20	0.40	1.22	5	10	-30 to +70	0.50 x 0.50	991-100117-201	D18	
10.150 - 10.425	20	0.40	1.25	5	10	-30 to +70	0.350 x 0.475	994-039066-019	D21	
10.700 - 12.750	20	0.40	1.22	5	5	-30 to +70	0.350 x 0.475	994-039066-001	D21	
10.700 - 12.750	20	0.40	1.22	5	5	-30 to +70	0.50 x 0.50	994-039066-014	D18	
11.000 - 13.300	20	0.40	1.22	10	20	-30 to +70	0.350 x 0.475	991-110133-901	D21	
11.400 - 11.800	19	0.50	1.25	3	5	-20 to +70	0.25 x 0.50	991-114118-091	D22	
11.700 - 12.700	20	0.40	1.22	5	5	-30 to +70	0.350 x 0.475	991-117127-903	D21	
12.200 - 13.800	19	0.50	1.25	3	5	-40 to +85	0.25 x 0.50	991-122138-091	D22	
12.700 - 13.250	21	0.40	1.20	3	5	-30 to +70	0.25 x 0.50	991-127132-091	D22	
12.700 - 13.300	20	0.40	1.22	30	30	-30 to +70	0.350 x 0.475	991-127133-903	D21	
13.500 - 16.400	18	0.50	1.29	3	5	0 to +65	0.350 x 0.475	991-135164-901	D21	
13.700 - 14.500	20	0.40	1.20	3	5	-30 to +70	0.25 x 0.50	991-137145-091	D22	
13.750 - 14.500	22	0.40	1.18	10	10	-30 to +70	0.350 x 0.475	994-039066-002	D21	
13.750 - 14.500	19	0.30	1.20	30	30	-40 to +85	0.350 x 0.475	991-137145-903	D21	
13.800 - 14.600	20	0.40	1.20	3	5	-30 to +70	0.25 x 0.50	991-138146-091	D22	
14.000 - 14.500	20	0.50	1.25	10	10	-40 to +75	0.50 x 0.50	994-039066-005	D18	
14.000 - 14.500	21	0.45	1.20	3	5	-40 to +70	0.350 x 0.475	991-140145-901	D21	
14.000 - 14.500	20	0.50	1.25	3	5	-40 to +80	0.25 x 0.50	991-140145-091	D22	
14.000 - 15.500	20	0.50	1.22	3	3	-20 to +70	0.25 x 0.50	991-140155-091	D22	
14.000 - 15.500	20	0.40	1.25	3	5	-45 to +85	0.350 x 0.475	991-140155-901	D21	
14.400 - 15.600	20	0.40	1.25	3	5	-20 to +95	0.350 x 0.475	991-144156-901	D21	
14.500 - 15.500	20	0.50	1.25	3	5	-20 to +70	0.25 x 0.50	991-145155-091	D22	
15.000 - 18.000	18	0.60	1.35	10	5	0 to +65	0.350 x 0.475	991-150180-901	D21	
19.200 - 19.600	19	0.45	1.25	1	3	0 to +65	0.350 x 0.475	991-192196-901	D21	

*NOTES*

- 5: four mounting holes are 0.094 inches in diameter
- 6: tab height is 0.075 inches
- 7: tab height is 0.080 inches
- 9: tab height is 0.120 inches

+ Available in BeO and Non-BeO

\* Case Temperature Not To Exceed Operating Temperature