

High 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)	Forward Power (Watts)	* Operating Temperature °C	Footprint (in x in)	Part Number	Outline Drawing	Notes
0.318 - 0.328	20	0.30	1.22	150	200	-10 to +85	1.50 x 1.80	991-318328-951	D24	
0.380 - 0.430	20	0.40	1.25	100	200	-20 to +80	1.50 x 1.80	991-380430-951	D24	
0.405 - 0.420	20	0.30	1.22	150	200	-10 to +85	1.50 x 1.80	991-405420-951	D24	
0.450 - 0.480	20	0.30	1.22	150	200	-10 to +85	1.50 x 1.80	991-450480-951	D24	
0.790 - 0.910	22	0.30	1.22	100	150	-20 to +85	1.00 x 1.25	991-790910-651	D25	
0.850 - 0.960	20	0.40	1.22	100	150	-20 to +70	1.00 x 1.25	891-850960-651	D11	
0.869 - 0.894	22	0.25	1.18	150	200	-10 to +70	1.00 x 1.25	891-869894-651	D11	
0.890 - 0.910	20	0.30	1.22	150	200	-20 to +85	1.00 x 1.25	991-890910-651	D25	
0.920 - 0.960	20	0.35	1.22	70	70	-20 to +85	1.00 x 1.25	994-039050-011	D15	1
0.960 - 1.230	15	0.60	1.44	50	50	-40 to +85	1.00 x 1.25	991-960123-651	D25	
1.020 - 1.040	20	0.30	1.22	100	150	-40 to +85	1.00 x 1.25	991-102104-655	D25	12
1.030 - 1.090	20	0.30	1.25	100	200	-10 to +65	1.00 x 1.25	991-103109-601	D11	1
1.200 - 1.400	20	0.40	1.22	100	150	-10 to +75	1.00 x 1.25	891-120140-601	D11	1
1.550 - 1.600	22	0.25	1.17	150	200	-20 to +70	1.00 x 1.25	891-155160-651	D11	
1.626 - 1.666	20	0.25	1.25	70	70	-40 to +70	0.75 x 1.00	094-039038-008	D16	1
1.670 - 1.675	22	0.30	1.18	100	150	-20 to +70	0.75 x 1.00	891-167167-401	D13	1
1.710 - 2.170	18	0.45	1.28	100	150	-20 to +85	1.00 x 1.25	991-171217-651	D25	
1.750 - 1.850	20	0.32	1.22	70	70	-20 to +70	0.75 x 1.00	891-175185-401	D13	1
1.800 - 1.880	22	0.25	1.15	30	30	-40 to +100	0.75 x 1.00	094-039038-015	D16	1
1.800 - 2.000	20	0.40	1.25	30	30	-40 to +100	0.75 x 1.00	094-039038-025	D16	1
1.805 - 1.880	20	0.25	1.20	100	150	-20 to +70	0.75 x 1.00	891-180188-451	D13	
1.805 - 1.880	21	0.28	1.20	100	100	-20 to +70	1.00 x 1.25	891-180188-651	D11	
1.900 - 2.020	20	0.40	1.20	30	30	-40 to +100	0.75 x 1.00	994-039038-060	D16	1
1.930 - 1.990	24	0.30	1.19	70	70	-30 to +65	0.75 x 1.00	094-039038-028	D16	1
1.930 - 1.990	20	0.30	1.25	30	30	-40 to +100	0.75 x 1.00	094-039038-001	D16	1
1.930 - 1.990	22	0.30	1.18	70	70	-10 to +85	1.00 x 1.25	994-039065-004	D15	
1.930 - 1.990	21	0.28	1.20	100	150	-20 to +70	0.75 x 1.00	891-193199-451	D13	
1.930 - 1.990	21	0.28	1.20	100	150	-20 to +70	1.00 x 1.25	891-193199-651	D11	
2.000 - 2.400	17	0.50	1.30	100	150	0 to +80	0.75 x 1.00	891-200240-401	D13	1
2.090 - 2.190	21	0.27	1.22	30	30	-20 to +85	0.75 x 1.00	994-039038-044	D16	
2.100 - 2.200	20	0.25	1.25	30	30	-40 to +100	0.75 x 1.00	094-039038-022	D16	1
2.100 - 2.200	21	0.28	1.20	150	150	-20 to +70	0.75 x 1.00	891-210220-451	D13	
2.110 - 2.170	22	0.28	1.17	150	150	-20 to +70	0.75 x 1.00	891-211217-451	D13	
2.130 - 2.190	20	0.25	1.22	30	30	-40 to +100	0.75 x 1.00	094-039038-003	D16	1
2.200 - 2.450	20	0.38	1.22	150	150	-20 to +70	0.75 x 1.00	891-220245-451	D13	

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2.300 - 2.700	19	0.40	1.25	150	150	-20 to +70	0.75 x 1.00	891-230270-451	D13	
2.320 - 2.330	22	0.23	1.17	150	150	-40 to +100	0.75 x 1.00	891-232233-451	D13	
2.370 - 2.400	20	0.25	1.20	30	30	-40 to +100	0.75 x 1.00	094-039038-005	D16	1
2.400 - 2.500	20	0.25	1.22	100	150	-20 to +70	0.75 x 1.00	891-240250-451	D13	
2.400 - 2.600	20	0.38	1.22	100	100	-20 to +70	0.75 x 1.00	891-240260-401	D13	1
2.500 - 2.700	20	0.27	1.20	100	150	-20 to +70	0.75 x 1.00	891-250270-401	D13	1
2.600 - 2.700	21	0.27	1.20	100	150	-20 to +70	0.75 x 1.00	891-260270-451	D13	
2.700 - 2.900	20	0.35	1.22	30	30	-30 to +85	0.75 x 1.00	994-039038-058	D16	1
3.400 - 3.700	20	0.35	1.25	20	20	0 to +70	0.75 x 1.00	991-340370-451	D27	1
5.800 - 6.500	20	0.40	1.25	20	20	-40 to +85	0.50 x 0.95	094-039043-001	D19	1
5.800 - 6.700	20	0.40	1.25	20	20	-40 to +85	0.50 x 0.95	094-039043-002	D19	1
12.700 - 13.300	20	0.40	1.22	30	30	-30 to +70	0.350 x 0.475	991-127133-903	D21	
13.700 - 14.500	19	0.30	1.20	30	30	-40 to +85	0.350 x 0.475	991-137145-903	D21	

NOTES

- 1: BeO termination
- 12: Encapsulated for high peak power

* Case Temperature Not To Exceed Operating Temperature