

Isolator Model No.	Circulator Model No.	Frequency (GHz)	Isolation (dB)	Insertion Loss (dB)	VSWR	Weight (oz)	Weight (gm)	Size H x W x T (in)	Size H x W x T (mm)
T-0S63U-10	C-0S63U-10	0.5- 1.0	17	0.8	1.35:1	70.0	1988	5.20 5.59 1.20	132.1 142.0 30.5
*T-1S63U-40	C-1S63U-40	1.0- 2.0	18	0.5	1.35:1	16.0	454	2.75 2.75 .88	69.9 69.9 22.4
T-1S63U-30	C-1S63U-30	1.5- 3.0	17	0.5	1.35:1	11.0	312	2.50 2.50 .75	63.5 63.5 19.1
*T-2S63U-60	C-2S63U-60	2.0- 4.0	20	0.5	1.25:1	5.0	142	1.63 1.63 .75	41.4 41.4 19.1
T-2S63U-70	C-2S63U-70	2.6- 5.2	17	0.5	1.35:1	2.5	71	1.25 1.25 .63	31.7 31.7 16.0
T-3S63U-10	C-3S63U-10	3.0- 6.0	17	0.6	1.35:1	2.0	57	1.10 1.10 .63	27.9 27.9 16.0
T-3S63U-30	C-3S63U-30	3.2- 6.5	17	0.5	1.35:1	2.0	57	1.10 1.10 .63	27.9 27.9 16.0
T-3S63U-20	C-3S63U-20	3.5- 7.0	17	0.5	1.35:1	2.0	57	1.10 1.10 .63	27.9 27.9 16.0
*T-4S63U-50	C-4S63U-50	4.0- 8.0	20	0.4	1.25:1	2.0	57	1.10 1.10 .63	27.9 27.9 16.0
T-4S63U-60	C-4S63U-60	4.0- 8.0	17	0.4	1.35:1	1.0	28	.75 .75 .38	19.1 19.1 9.7
T-4S63U-70	C-4S63U-70	4.5- 9.0	17	0.5	1.35:1	2.0	57	1.10 1.10 .63	27.9 27.9 16.0
T-5S63U-10	C-5S63U-10	5.2-10.4	17	0.5	1.35:1	2.0	57	1.10 1.10 .63	27.9 27.9 16.0
T-6S63U-10	C-6S63U-10	6.5-13.0	17	0.5	1.35:1	1.25	36	.80 .63 .54	20.3 16.0 13.7
*T-8S63U-30	C-8S63U-30	8.0-16.0	17	0.5	1.35:1	1.0	28	.75 .63 .52	19.1 16.0 13.2
T-10S63U-20	C-10S63U-20	10.0-20.0	17	0.7	1.35:1	1.0	28	.68 .50 .56	17.3 12.7 14.2
T-13S63U-10	C-13S63U-10	13.0-26.5	16	0.8	1.50:1	1.0	28	.68 .50 .53	17.3 12.7 13.5

Standard Octave-Plus Isolators and Circulators

T-1S83U-10	C-1S83U-10	1.7- 4.2	16	0.7	1.50:1	5.25	149	1.75 1.75 .75	44.5 44.5 19.1
T-2S73U-20	C-2S73U-20	2.0- 4.5	16	0.6	1.40:1	5.0	142	1.63 1.63 .75	41.4 41.4 19.1
T-2S83U-10	C-2S83U-10	2.6- 6.7	15	0.7	1.50:1	2.75	78	1.25 1.25 .63	31.8 31.8 16.0
T-3S73U-10	C-3S73U-10	3.7- 8.3	16	0.7	1.45:1	2.0	57	1.10 1.10 .63	27.9 27.9 16.0
T-4S73U-10	C-4S73U-10	4.4-10.0	16	0.7	1.40:1	2.0	57	1.10 1.10 .63	27.9 27.9 16.0
T-5S73U-10	C-5S73U-10	5.9-13.0	17	0.6	1.35:1	1.25	36	.80 .63 .54	20.3 16.0 13.7
T-6S103U-10	C-6S103U-10	6.0-18.0	15	1.0	1.50:1	1.5	43	.92 .77 .52	23.4 19.6 13.2
T-6S83U-10	C-6S83U-10	6.5-16.5	16	0.7	1.45:1	1.0	28	.75 .63 .52	19.1 16.0 13.2
T-7S83U-30	C-7S83U-30	7.0-17.0	16	0.7	1.40:1	1.0	28	.75 .63 .52	19.1 16.0 13.2
T-7S73U-20	C-7S73U-20	7.6-16.2	17	0.7	1.35:1	1.0	28	.75 .63 .52	19.1 16.0 13.2
*T-7S83U-40	C-7S83U-40	7.6-18.0	16	0.8	1.50:1	1.0	28	.75 .63 .52	19.1 16.0 13.2
T-8S73U-20	C-8S73U-20	8.0-18.0	17	0.7	1.40:1	1.0	28	.75 .63 .52	19.1 16.0 13.2
*T-8S83U-10	C-8S83U-10	8.0-20.0	14	1.1	1.50:1	1.0	28	.68 .50 .56	17.3 12.7 14.2

Standard Narrow Band Isolators and Circulators

T-0S03U-20	C-0S03U-20	490- 510	20	0.5	1.20:1	2.0	57	1.00 1.00 .62	25.4 25.4 15.8
T-0S03U-30	C-0S03U-30	880- 950	20	0.5	1.25:1	1.0	28	.75 .75 .50	19.1 19.1 12.7
T-0S23U-30	C-0S23U-30	0.95-1.225	20	0.5	1.25:1	2.5	71	1.25 1.25 .75	31.8 31.8 19.1
T-1S23U-20	C-1S23U-20	1.2- 1.6	17	0.5	1.35:1	2.5	71	1.25 1.25 .75	31.8 31.8 19.1
T-1S13U-50	C-1S13U-50	1.4- 1.7	20	0.4	1.25:1	2.5	71	1.25 1.25 .75	31.8 31.8 19.1
T-1S43U-10	C-1S43U-10	1.4- 2.3	17	0.6	1.35:1	9.0	256	2.37 2.37 .80	60.2 60.2 20.3
T-1S13U-30	C-1S13U-30	1.7- 2.0	20	0.4	1.25:1	2.5	71	1.25 1.25 .75	31.8 31.8 19.1
T-1S33U-10	C-1S33U-10	1.7- 2.3	21	0.4	1.20:1	5.5	156	2.0 2.0 1.0	50.8 50.8 25.4
T-1S13U-40	C-1S13U-40	1.9- 2.3	20	0.4	1.25:1	2.5	71	1.25 1.25 .75	31.8 31.8 19.1
T-2S33U-10	C-2S33U-10	2.6- 3.8	20	0.5	1.25:1	2.5	71	1.25 1.25 .63	31.8 31.8 16.0
T-3S13U-30	C-3S13U-30	3.7- 4.2	30	0.3	1.10:1	4.0	114	1.45 1.44 .88	36.8 36.6 22.4
T-3S13U-40	C-3S13U-40	3.7- 4.2	25	0.25	1.10:1	1.0	28	.75 .75 .50	19.1 19.1 12.7
T-4S13U-10	C-4S13U-10	4.4- 5.0	21	0.3	1.20:1	1.0	28	.75 .75 .50	19.1 19.1 12.7
T-4S33U-10	C-4S33U-10	4.4- 6.5	17	0.5	1.35:1	1.0	28	.75 .75 .50	19.1 19.1 12.7
T-5S03U-20	C-5S03U-20	5.4- 5.9	26	0.3	1.10:1	1.0	28	.75 .75 .50	19.1 19.1 12.7
T-5S53U-10	C-5S53U-10	5.8-10.6	17	0.4	1.30:1	1.5	43	.85 .75 .60	21.6 19.1 15.2
T-5S03U-30	C-5S03U-30	5.9- 6.4	26	0.3	1.10:1	1.0	28	.75 .75 .50	19.1 19.1 12.7
*T-7S43U-30	C-7S43U-30	7.0-11.0	28	0.4	1.10:1	1.5	43	.85 .75 .60	21.6 19.1 15.2
T-7S53U-10	C-7S53U-10	7.0-12.4	18	0.4	1.30:1	1.25	36	.80 .63 .54	20.3 16.0 13.7
T-8S43U-20	C-8S43U-20	8.0-12.4	18	0.4	1.30:1	1.25	36	.80 .63 .54	20.3 16.0 13.7
*T-12S43U-30	C-12S43U-30	12.0-18.0	18	0.5	1.30:1	1.0	28	.68 .50 .56	17.3 12.7 14.2
T-18S33U-20	C-18S33U-20	18.0-26.5	17	1.0	1.50:1	1.0	28	.68 .50 .53	17.3 12.7 13.5

Notes: *These isolator models are available from stock
 1. All units shown are available as four port models
 2. Add "M" to the end of model number for metric configuration.
 3. Specifications are subject to change without notice

Hyper-Mode Isolators Specifications

Frequency Range (GHz)	Model #	Isolation (dB min)	Isolation Loss (dB max.)	VSWR (max.)	Average Power	Size HxWxT (in)	Size HxWxT (mm)
2-7	T-2S113A-1	21	1.0	1.30:1	10W	2.06 3.20 1.08	52.3 81.3 27.4
2-8	T-2S123T-1	21	1.0*	1.35:1	10W	2.06 3.20 1.08	52.3 81.3 27.4
2-8	T-2S123T-2	21	1.0*	1.35:1	10W	2.06 3.20 0.08	52.3 81.3 20.3
4-18	T-4S123T-1	16	1.5	1.45:1	10W	1.00 2.60 0.55	25.4 66.0 14.0
6-18	T-6S103T-11	16	1.3	1.35:1	10W	1.15 2.60 0.92	27.2 66.0 23.4
3-20	T-3S143T-1	16	2.55**	1.45:1	10W	1.00 2.60 0.55	25.4 66.0 14.0