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MICA Microwave — www.mica-mw.com
COAXIAL ISOLATORS AND CIRCULATORS
COMMUNICATION BANDS (1)

- Frequencies from 150 MHz to 40 GHz
- Bandwidths less than an octave
- Quick delivery
- All SMA connector configurations available
- Precision K type connectors available
- 2 watts average power handling
- Contact factory for higher average power handling
- Contact factory for Circulator Model Numbers
- Click on Model Number for Outline Drawing

MICA Isolator Model No.	Frequency (GHz)	Isolation (dB) Min	Insertion Loss (dB) Max	VSWR Max	Package Size W x L x T (Inches)
T-100S01	0.150 to 0.175	18	0.7	1.30:1	4.25 x 4.25 x 1.50
T-200S04	0.175 to 0.215	18	0.5	1.30:1	3.75 x 3.75 x 1.50
T-300S01	0.220 to 0.300	18	0.5	1.30:1	4.25 x 4.25 x 1.50
T-200S06	0.300 to 0.400	18	0.5	1.30:1	3.25 x 3.25 x 1.50
T-100S03	0.330 to 0.400	18	0.5	1.30:1	2.00 x 2.00 x 1.00
T-200S07	0.400 to 0.500	18	0.5	1.30:1	2.25 x 2.25 x 1.00
T-300S02	0.400 to 0.550	18	0.5	1.30:1	2.50 x 2.50 x 1.25
T-100S04	0.500 to 0.600	20	0.4	1.25:1	2.00 x 2.00 x 1.00
T-200S09	0.600 to 0.750	20	0.4	1.25:1	1.75 x 1.75 x 1.00
T-300S03	0.700 to 1.000	17	0.5	1.35:1	2.00 x 2.00 x 1.00
T-100S05	0.750 to 0.900	20	0.4	1.25:1	1.50 x 1.50 x 0.75
T-100S06	0.790 to 0.960	20	0.4	1.25:1	1.50 x 1.50 x 0.75
T-000S04	0.900 to 0.930	23	0.5	1.25:1	0.73 x 0.73 x 0.50
T-200S03	0.950 to 1.225	20	0.5	1.25:1	1.23 x 1.23 x 0.75
T-101S05	1.000 to 1.200	20	0.4	1.25:1	1.00 x 1.00 x 0.63
T-101S06	1.100 to 1.300	20	0.4	1.25:1	1.00 x 1.00 x 0.63
T-101S07	1.200 to 1.400	20	0.4	1.25:1	1.00 x 1.00 x 0.63
T-001S07	1.350 to 1.480	25	0.3	1.25:1	1.00 x 1.00 x 0.50
T-301S20	1.350 to 1.850	18	0.4	1.35:1	1.50 x 1.50 x 0.75
T-101S08	1.400 to 1.600	20	0.4	1.25:1	1.00 x 1.00 x 0.63
T-101S02	1.400 to 1.700	20	0.4	1.25:1	1.25 x 1.25 x 0.63
T-101S10	1.500 to 1.800	20	0.4	1.25:1	1.00 x 1.00 x 0.63
T-101S11	1.700 to 2.000	20	0.4	1.25:1	1.00 x 1.00 x 0.50

Main Facility: 7017 Realm Drive, San Jose, CA 95119-1312 — Telephone: (408) 363-9200 — Fax: (408) 363-9220
Modesto Facility: 5311A Pirrone Road, Salida, CA 95368 — Telephone: (209) 543-6132 — Fax: (209) 543-6438

MICA Microwave — www.mica-mw.com
COAXIAL ISOLATORS AND CIRCULATORS
COMMUNICATION BANDS (2)

MICA Isolator Model No.	Frequency (GHz)	Isolation (dB) Min	Insertion Loss (dB) Max	VSWR Max	Package Size L x W x T (Inches)
T-002S02	2.000 to 2.300	20	0.4	1.25:1	1.00 x 1.00 x 0.50
T-102S30	2.000 to 2.300	20	0.4	1.22:1	1.00 x 1.00 x 0.50
T-102S05	2.000 to 2.400	23	0.3	1.15:1	1.50 x 1.50 x 0.80
T-102S06	2.100 to 2.400	20	0.4	1.25:1	1.00 x 1.00 x 0.50
T-102S31	2.300 to 2.700	20	0.4	1.22:1	1.00 x 1.00 x 0.50
T-102S07	2.450 to 2.700	20	0.4	1.25:1	1.00 x 1.00 x 0.50
T-102S32	2.700 to 2.900	20	0.4	1.22:1	1.00 x 1.00 x 0.50
T-102S08	2.800 to 3.300	20	0.4	1.25:1	0.75 x 0.75 x 0.50
T-103S09	3.300 to 3.900	20	0.4	1.25:1	0.75 x 0.75 x 0.50
T-003S01	3.400 to 3.600	26	0.2	1.15:1	0.75 x 0.90 x 0.50
T-103S10	3.600 to 4.200	25	0.2	1.15:1	0.75 x 0.90 x 0.50
T-103S01	3.600 to 4.300	25	0.25	1.15:1	0.75 x 0.75 x 0.50
T-004S20	4.000 to 4.400	25	0.4	1.15:1	0.75 x 0.75 x 0.50
T-104S03	4.200 to 5.000	25	0.25	1.15:1	0.75 x 0.75 x 0.50
T-104S20	4.400 to 5.000	25	0.4	1.15:1	0.75 x 0.75 x 0.50
T-104S04	4.600 to 5.400	25	0.25	1.15:1	0.75 x 0.75 x 0.50
T-204S01	4.700 to 6.000	23	0.25	1.15:1	0.75 x 0.75 x 0.50
T-105S20	5.000 to 6.000	23	0.4	1.15:1	0.75 x 0.75 x 0.50
T-005S06	5.200 to 5.400	25	0.25	1.12:1	0.75 x 0.75 x 0.50
T-005S07	5.400 to 5.900	25	0.25	1.15:1	0.75 x 0.75 x 0.50
T-105S06	5.600 to 6.500	20	0.4	1.25:1	0.50 x 0.67 x 0.50
T-105S07	5.800 to 6.500	25	0.25	1.15:1	0.75 x 0.75 x 0.50
T-106S02	6.400 to 7.200	25	0.25	1.15:1	0.75 x 0.75 x 0.50
T-206S10	6.400 to 8.000	25	0.25	1.15:1	0.75 x 0.75 x 0.50
T-106S03	6.800 to 8.000	23	0.25	1.15:1	0.75 x 0.75 x 0.50
T-106S10	6.800 to 8.800	23	0.4	1.22:1	0.50 x 0.56 x 0.38
T-107S03	7.000 to 8.500	23	0.25	1.15:1	0.75 x 0.75 x 0.50
T-107S10	7.000 to 8.500	25	0.25	1.15:1	0.75 x 0.75 x 0.50
T-407S02	7.000 to 11.000	25	0.4	1.15:1	0.75 x 0.75 x 0.50
T-107S04	7.600 to 9.300	23	0.25	1.15:1	0.75 x 0.75 x 0.50
T-007S10	7.700 to 8.300	25	0.4	1.10:1	0.50 x 0.56 x 0.38
T-007S02	7.700 to 8.300	26	0.4	1.10:1	0.50 x 0.60 x 0.38
T-208S01	8.000 to 10.000	20	0.4	1.25:1	0.50 x 0.67 x 0.50

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COAXIAL ISOLATORS AND CIRCULATORS

COMMUNICATION BANDS (3)

MICA Isolator Model No.	Frequency (GHz)	Isolation (dB) Min	Insertion Loss (dB) Max	VSWR Max	Package Size L x W x T (Inches)
T-408S15	8.000 to 12.400	20	0.5	1.25:1	0.50 x 0.56 x 0.38
T-408S01	8.000 to 12.400	20	0.5	1.25:1	0.50 x 0.60 x 0.38
T-109S15	9.200 to 10.500	23	0.3	1.22:1	0.50 x 0.56 x 0.38
T-010S15	10.000 to 11.000	23	0.3	1.22:1	0.50 x 0.56 x 0.38
T-410S01	10.000 to 15.000	23	0.5	1.15:1	0.50 x 0.60 x 0.38
T-010S04	10.700 to 11.700	25	0.25	1.15:1	0.50 x 0.67 x 0.50
T-210S01	10.700 to 13.300	23	0.25	1.15:1	0.50 x 0.56 x 0.38
T-011S11	11.000 to 12.000	23	0.3	1.22:1	0.50 x 0.56 x 0.38
T-011S01	11.700 to 12.200	26	0.25	1.15:1	0.50 x 0.67 x 0.50
T-412S01	12.000 to 18.000	20	0.5	1.25:1	0.50 x 0.56 x 0.38
T-012S02	12.200 to 12.700	26	0.25	1.15:1	0.50 x 0.67 x 0.50
T-112S01	12.400 to 15.000	23	0.25	1.15:1	0.50 x 0.56 x 0.38
T-012S15	12.500 to 13.500	23	0.3	1.22:1	0.50 x 0.56 x 0.38
T-013S10	13.500 to 14.500	23	0.3	1.22:1	0.50 x 0.63 x 0.38
T-113S08	13.700 to 15.800	20	0.5	1.30:1	0.50 x 0.66 x 0.50
T-014S15	14.500 to 15.500	23	0.3	1.22:1	0.50 x 0.56 x 0.38
T-115S06	15.000 to 18.000	22	0.4	1.20:1	0.50 x 0.56 x 0.38
T-216K01	16.000 to 22.000	20	0.5	1.30:1	0.50 x 0.63 x 0.50
T-117S03	17.000 to 20.000	20	0.5	1.20:1	0.50 x 0.63 x 0.50
T-117S10	17.490 to 19.990	20	0.5	1.25:1	0.50 x 0.63 x 0.50
T-318S01	18.000 to 26.500	18	0.5	1.25:1	0.50 x 0.56 x 0.38
T-018S05	18.400 to 19.000	23	0.3	1.22:1	0.50 x 0.63 x 0.50
T-120S01	20.000 to 22.000	22	0.5	1.20:1	0.50 x 0.63 x 0.50
T-121S15	21.200 to 23.600	20	0.5	1.25:1	0.50 x 0.63 x 0.50
T-121S04	21.200 to 23.600	25	0.5	1.20:1	0.50 x 0.63 x 0.50
T-022K02	22.000 to 26.000	18	0.5	1.30:1	0.50 x 0.63 x 0.50
T-126K01	26.000 to 30.000	17	0.8	1.40:1	0.50 x 0.63 x 0.50
T-426K02	26.500 to 40.000	15	1.2	1.50:1	0.50 x 0.63 x 0.50
T-032K01	32.000 to 34.000	20	0.75	1.35:1	0.50 x 0.63 x 0.50

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