

Waveguide Bandpass Filter Specifications

MODEL NO.	FREQ. RANGE - GHz	Pass BW Fo+/-X MHz	Pass BW VSWR	Pass BW Insertion Loss dB	Rejection @Fo+/-70 MHz unless specified	Length ins	WR#
MTW229-01	3.54-4.20	12.7	1.10:1	0.40	48	11.00	229
MTW229-02	3.54-4.20	17.5	1.10:1	0.25	19	11.00	229
MTW229-03	3.54-4.20	23.0	1.10:1	0.60	28	11.00	229
MTW229-04	3.54-4.20	23.0	1.10:1	1.20	58	11.00	229
MTW229-05	4.40-5.10	12.7	1.10:1	0.40	48	11.00	229
MTW229-06	4.40-5.10	17.5	1.10:1	0.25	19	11.00	229
MTW229-07	4.40-5.10	18.0	1.10:1	0.85	88	11.00	229
MTW229-08	4.40-5.10	23.0	1.10:1	0.60	27	11.00	229
MTW229-09	4.40-5.10	23.0	1.10:1	1.20	57	11.00	229
MTW137-01	5.90-6.45	12.7	1.10:1	0.70	48	12.32	137
MTW137-02	5.90-6.45	18.0	1.10:1	1.30	88	12.32	137
MTW137-03	5.90-6.45	19.0	1.10:1	0.60	50	12.32	137
MTW137-04	5.90-6.45	19.0	1.10:1	1.80	90	12.32	137
MTW137-05	5.90-6.45	21.0	1.10:1	0.60	47	12.32	137
MTW137-06	5.90-6.45	23.0	1.10:1	0.50	42	12.32	137
MTW137-07	6.45-7.15	12.7	1.10:1	0.70	48	12.32	137
MTW137-08	6.45-7.15	17.0	1.10:1	0.50	38	12.32	137
MTW137-09	6.45-7.15	19.0	1.10:1	0.60	50	12.32	137
MTW137-10	6.45-7.15	19.0	1.10:1	1.00	95	12.32	137
MTW137-11	6.45-7.15	21.0	1.10:1	0.60	47	12.32	137
MTW137-12	6.45-7.15	23.0	1.10:1	0.55	42	12.32	137
MTW112-01	7.10-8.50	19.0	1.10:1	1.10	95@+/-140MHz	12.32	112
MTW112-02	7.10-8.50	14.5	1.10:1	1.00	21	12.32	112
MTW112-03	7.10-8.50	23.0	1.10:1	0.80	42	12.32	112
MTW112-04	7.10-8.50	23.0	1.10:1	1.00	56	12.32	112

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MODEL NO.	FREQ. RANGE - GHz	Pass BW Fo+/-X MHz	Pass BW VSWR	Pass BW Insertion Loss dB	Rejection @Fo+/-70 MHz unless specified	Length ins	WR#
MTW90-01	10.7-11.7	12.7	1.10:1	1.50	48	5.50	90
MTW90-02	10.7-11.7	19.0	1.10:1	1.50	90	5.50	90
MTW90-03	10.7-11.7	23.0	1.10:1	1.30	42	5.50	90
MTW90-04	10.7-11.7	23.0	1.10:1	2.15	74	5.50	90
MTW62-01	12.75-13.25	30.0	1.10:1	1.50	40@+/-130MHz	3.50	62
MTW62-02	12.75-13.25	100.0	1.20:1	0.55	20@+/-340MHz	3.50	62
MTW62-03	12.75-13.25	40.0	1.22:1	1.10	50@+/-238MHz	3.50	62
MTW62-04	14.0-15.50	30.0	1.10:1	1.50	40@+/-130MHz	3.50	62
MTW62-05	14.0-15.50	100.0	1.20:1	0.55	20@+/-340MHz	3.50	62
MTW62-06	14.0-15.50	42.0	1.22:1	1.20	55@+/-268MHz	3.50	62
MTW62-07	14.0-15.50	80.0	1.43:1	1.50	45@+/-246MHz	3.50	62
MTW42-01	17.7-19.7	250	1.15:1	0.50	20@+/-1200MHz	2.00	42
MTW42-02	17.7-19.7	60	1.22:1	1.20	50@+/-200MHz	3.00	42
MTW42-03	17.7-19.7	27.5	1.22:1	1.50	45@+/-140MHz	3.50	42
MTW42-04	17.7-19.7	28	1.15:1	2.00	60@+/-310MHz	3.50	42
MTW42-05	17.7-19.7	92.5	1.22:1	1.50	45@+/-1200MHz	3.50	42
MTW42-06	17.7-19.7	180	1.15:1	0.50	20@1200MHz	3.50	42
MTW42-07	17.7-19.7	230	1.22:1	1.50	45@+/-140MHz	3.50	42
MTW42-08	17.7-19.7	20	1.25:1	2.70	50@+/-310MHz	4.00	42
MTW42-09	17.7-19.7	90	1.22:1	1.20	50@+/-1200MHz	4.00	42
MTW42-10	21.2-23.6	250	1.15:1	0.50	20@+/-1200MHz	2.00	42
MTW42-11	21.2-23.6	35	1.10:1	2.70	60@+/-200MHz	2.60	42
MTW42-12	21.2-23.6	35	1.10:1	2.70	50@+/-140MHz	3.00	42
MTW42-13	21.2-23.6	60	1.22:1	1.30	60@+/-310MHz	3.00	42
MTW42-14	21.2-23.6	150	1.10:1	0.40	60@+/-1200MHz	4.00	42
MTW28-01	38.65-39.80	1150	1.38:1	0.55	45 at 37.24GHz 15 at 38.05GHz 15 at 40.40GHz 35 at 41.21GHz	3.00	28