



						BAND PASS FILTERS VHF			BAND PASS FILTERS UHF			COMBINERS VHF			COMBINERS UHF	
						BAND [MHz] depth [mm]	SELECTIVITY [dB]	INSERTION LOSS [dB]	BAND [MHz] depth [mm]	SELECTIVITY [dB]	INSERTION LOSS [dB]	SELECTIVITY [dB]	SELECTIVITY [dB]	SELECTIVITY [dB]	SELECTIVITY [dB]	SELECTIVITY [dB]
CAVITY MODEL	FORM FACTOR	TUNING METHOD	DIMENSIONS [mm]	POWER CW [W]	THERMAL STABILITY [ppm / °C]											
80		rotary knob telescopic	216x80 rack 2U 19"	100	3.5	112-157 560	20 ±0.4%	2	225-400 535	25 ± 0.4%	2	2CAV: 20 (±0.4%)				
85		rotary knob telescopic	216x85 rack 2U 19"	50	3.5	112-156 560	20 ±0.4%	2								
120		rotary knob telescopic	108x122 rack 3U 19"	100	3.5 (VHF) 4 (UHF)	112-156 728	11 ±500 kHz	1	225-400 560	13 ± 0.4%	1	1 CAV: 11 2 CAV: 25 (± 500 kHz)			1 CAV: 13 (± 0.4%)	1 CAV: 19 2 CAV: 40 (± 1%)
165		rotary knob telescopic	210x165 rack 4U 19"	100	3.5	118-156 670	15 ±500 kHz	1	225-400 560	16 ± 0.4%	1	1 CAV: 15 2 CAV: 30 (± 500 kHz)				
165		external rod	210x165 rack 4U 19"	100	3.5	118-156 600 (max)	13 ± 0.5%	1	225-400 660 (max)	16 ± 0.5%	1	1 CAV: 15 2 CAV: 30 (± 500 kHz)				
180		rotary knob telescopic	180x165 rack 4U 19"	200	3.5	118-156 670	13 ±500 kHz	1	225-400 560	16 ± 0.4%	1	1 CAV: 13 2 CAV: 26 (± 500 kHz)	1 CAV: 13 2 CAV: 40 (± 1%)			
210		rotary knob telescopic	210x210 rack 5U 19"	200	3.5	118-156 670	15 ±500 kHz	1	225-400 600	17 ± 0.4%	1	1 CAV: 15 2 CAV: 32 (± 500 kHz)		2 CAV: 32 (± 500 kHz)	1 CAV: 17 2 CAV: 32 (± 0.4%)	
280		rotary knob telescopic	280x210 rack 5U 19"	200	3	118-156 700	14 ±200 kHz	1.3	225-400 600	14 ±500 kHz	1.5		1 CAV: 14 (± 200 kHz)			1 CAV: 13 (± 500 kHz)
100		external rod	120 rack 4U 19"	100	3 (VHF) 5 (UHF)	118-137 620	12 ±0.75%	1	225-400 620	12 ±0.75%	1	1 CAV: 12 (± 0.75%)			1 CAV: 12 (± 0.75%)	
200		external rod	200 rack 5U 19"	200	3	118-137 625	15 ±500 kHz	1				1CAV: 15 (±500 kHz)				
300		rotary knob telescopic	300 rack 7U 19"	200	3.5	118-156 735	15 ±200 kHz	1.5								

					AUTOMATIC TUNING BAND PASS FILTERS VHF				AUTOMATIC TUNING BAND PASS FILTERS UHF				AUTOMATIC TUNING COMBINERS VHF				
CAVITY MODEL	FORM FACTOR	DIMENSIONS [mm]	TEMPER. RANGE [°C]	POWER CW [W]	BAND [MHz] depth [mm]	VSWR	SELECTIVITY INS. LOSS	TUNING TIME [s]	BAND [MHz] depth [mm]	VSWR	SELECTIVITY INS. LOSS	TUNING TIME [s]	BAND [MHz] depth [mm]	VSWR	SELECTIVITY INS. LOSS	TUNING TIME [s]	TOTAL HEIGHT
85		216x85 rack 2U	-10 +55	50	112-156 580	<1.6:1	20 dB (±0.4%) 2 dB	7 (typ.)									
210		420x210 rack 5U	-10 +55	200	112-156 690	<1.6:1	30 dB (±0.4%) 2 dB	7 (typ.)	225-400 623	<1.6:1	30 dB (±0.4%) 2 dB	10 (typ.)	112-156 690	<1.6:1	30 dB (±0.4%) 2 dB	7 (typ.)	10 HU
210		210x210 rack 5U	-10 +55	200	118-156 695	<1.6:1	14 dB (±0.4%) 1 dB	6 (typ.)	225-400 640	<1.6:1	15 dB (±0.4%) 1 dB	10 (typ.)					

BAND REJECT FILTERS VHF							
CAVITY MODEL	FORM FACTOR	DIMENSIONS [mm]	THERMAL STABILITY [ppm / °C]	POWER CW [W]	BAND [MHz] depth [mm]	ATTEN. [dB]	INSERTION LOSS [dB]
210		210x210 rack 5U 19"	3	100	118-144 670	22(±200 kHz) 40(±500 kHz)	<1.5

NOTCH FILTERS VHF							
CAVITY MODEL	FORM FACTOR	DIMENSIONS [mm]	THERMAL STABILITY [ppm / °C]	POWER CW [W]	BAND [MHz] depth [mm]	ISOLATION [dB]	INSERTION LOSS [dB]
100		100 rack 4U 19"	3	100	118-137 684	35 (@150 kHz)	1-3
100		100 rack 4U 19"	3	100	118-137 620	35 (@200 kHz)	1-3
180		180x165 rack 4U 19"	3	100	118-144 670	25 (@100 kHz) 30 (@200 kHz) 40 (@300 kHz)	0.5-2.5
210		180x210 rack 5U 19"	3	100	118-144 684	25(@50 kHz) 30(@100 kHz) 40(@200 kHz)	0.5 - 2.5
280		280x210 rack 5U 19"	3	100	118-144 700	10(@200 kHz) 30(@1 MHz)	1.5