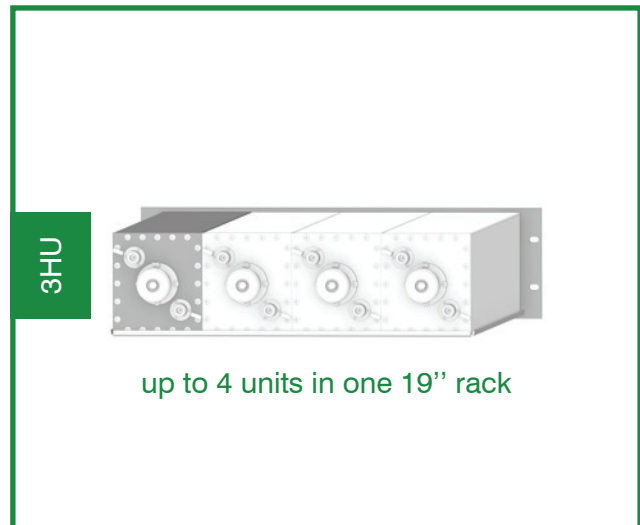


# Band Pass Filters VHF

## 120 rectangular cavity

Single or double cavity band pass filters up to 4 channels in the VHF range can be allocated in one 3 unit 19" cabinet. Frequency tuning and insertion loss can be regulated through adjustable loops and mechanical knobs.



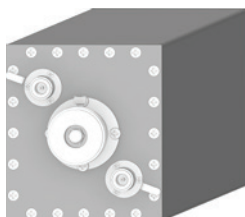
### Electrical Specifications

Frequency band:	112 - 156 MHz
Impedance:	50 Ω
Max Power:	100W CW
Insertion loss:	Adjustable, rotating loops

### Mechanical Specifications

Connector Type:	N Female
Dimensions:	19" rack, 3HU, depth 728 mm
Operating temp.:	-10°C to +55°C
Tuning method:	Rotary knobs, telescopic movement

Band Pass Filters	Channels	Cabinet 3HU	Attenuation
FPB120-V/1 F02ER120M10Sxxxx	1	1	11dB ± 500 kHz 1dB I.L. at 127.5 MHz
FPB120-V/1-1 (double cavity) F02ER120M1CDxxxx	1	1	25dB ± 500 kHz 2dB I.L. at 127.5 MHz
FPB120-V/2 F02ER120M20Sxxxx	2	1	11dB ± 500 kHz 1dB I.L. at 127.5 MHz
FPB120-V/3 F02ER120M30Sxxxx	3	1	11dB ± 500 kHz 1dB I.L. at 127.5 MHz
FPB120-V/4 F02ER120M40Sxxxx	4	1	11dB ± 500 kHz 1dB I.L. at 127.5 MHz
FPB120-V/1-1-1 (triple cavity) F02ER120M1WTxxxx	1	1	50dB ± 1 MHz 2dB I.L. at 118-137 MHz



AST-1034  
F05ER120M10Sxxxx



FPB120-V/1