

# Automatic Tuning Band Pass Filters VHF

## 210 single cavity

5 units single cavity automatic tuning filters are a key factor in emergencies. High selectivity, extended frequency range and fast tuning time allow for easy operation on the field. Reduced dimensions allow space flexibility: 5HU, 19" rack can accommodate a single VHF filter, two single VHF filters or a single VHF and a single UHF filters. Customized control interfaces available.



### Electrical Specifications

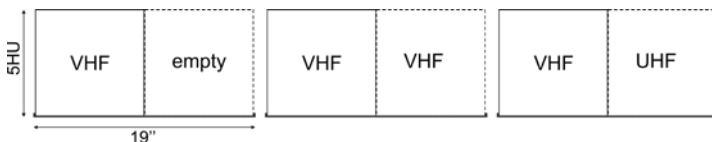
Frequency band:	118 - 156 MHz
Impedance:	50 Ω
Max Power:	200W CW
Interfaces:	Ethernet, RS485 or RS422

### Mechanical Specifications

Connector Type:	N Female
Dimensions:	½ 19" rack, 5HU, depth. 695 mm
Operating temp.:	-10°C to +55°C
Tuning method:	Automatic, telescopic movement

Automatic Band Pass Filter	VSWR	Tuning time	Insertion Loss	Selectivity
FPBA210-V/1 F02VS210A10Sxxxx	< 1.6:1	Typ. 6 sec	< 1dB	> 14 dB @ ± 0.4%
FPBA210-V/1D F02VS210A20Sxxxx	< 1.6:1	Typ. 6 sec	< 1dB	> 14 dB @ ± 0.4%

### Possible Configurations



FPBA210-V/1  
front view



FPBA210-V/1  
rear view