

# Automatic Tuning Band Pass Filters UHF

## 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 UHF filter, two single UHF filters or a single UHF and a single VHF filters. Customized control interfaces available.



### Electrical Specifications

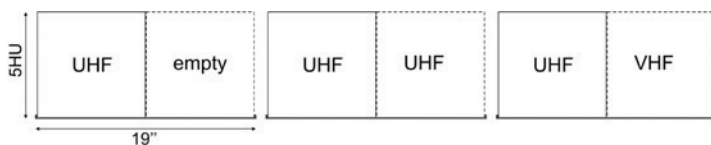
Frequency band:	225 - 400 MHz
Impedance:	50 $\Omega$
Max Power:	200W CW
Interfaces:	Ethernet, RS485 or RS422

### Mechanical Specifications

Connector Type:	N Female
Dimensions:	½ 19" rack, 5HU, depth. 640 mm
Operating temp.:	-10°C to +55°C
Tuning method:	Automatic, telescopic movement

Automatic Band Pass Filter	VSWR	Tuning time	Insertion Loss	Selectivity
FPBA210-U/1 F02US210A10Sxxxx	< 1.6:1	Typ. 10 sec	< 1dB	> 15 dB @ $\pm 0.4\%$ > 17 dB @ $\pm 0.5\%$
FPBA210-U/1D F02US210A20Sxxxx	< 1.6:1	Typ. 10 sec	< 1dB	> 15 dB @ $\pm 0.4\%$ > 17 dB @ $\pm 0.5\%$

### Possible Configurations



FPBA210-U/1  
front view



FPBA210-U/1  
rear view