

Automatic Tuning Band Pass Filters UHF

210 double cavity window coupled

5 units window coupled double 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. The independent tuning capability and accuracy offer optimum software controlled matching performance. Customized control interfaces available.



Electrical Specifications

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

Mechanical Specifications

Connector Type:	N Female
Dimensions:	19" rack, 5HU, depth. 623 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/2 F02US210A1WDxxxx	< 1.6:1	Typ. 10 Sec.	< 2dB	> 30 dB @ $\pm 0.4\%$



FPBA210-U/2
front view



FPBA210-U/2
rear view