

VHF AUTOMATIC TUNING BAND PASS FILTERS

VHF 210 double cavity

5 units double coupled cavities automatic tuning are a key factor in emergency sites. 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 data interfaces available.



FPBA210-V/2

Electrical Specifications

Frequency bands:	112 - 156 MHz
Impedance:	50 Ω
Max Power	200W CW
Interfaces :	ETHERNET, RS232, RS485 or RS422.

Mechanical Specifications

Connector Type	N Female
Dimensions	19" rack, 5HU, depth. 690 mm
Operating Temp. :	-10°C to +55°C
Tuning method:	Automatic, telescopic movement

Automatic Bandpass Filter	VSWR	Tuning time	Insertion Loss	Selectivity
FPBA210-V/2 (double cavity)	$\leq 1.6:1$	Typ. 6 Sec.	< 2dB	> 30 dB @ +/- 0.4%

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