

“FP” Series Bandpass Filters

Electrical Specifications Notes ----->	7" DIA. CAVITIES			10" DIA. CAVITIES	
	FP-10107	FP-20107	FP-30107	FP-20110	FP-30110
FREQUENCY RANGE MHz	30-88	132-174	406-512	132-174	406-512
INSERTION LOSS -db	0.5, 1.0 OR 3.0				
SELECTIVITY	SEE TYPICAL CURVES @ 1db IL				
VSWR	1.5:1 TYP. AT RESONANCE (REF. TO 50 OHMS)				
POWER RATING WATTS					
AT 0.5 dB	400		350	400	350
AT 1.0 dB	210		185	210	185
AT 3.0 dB	90		80	90	80
TEMPERATURE RANGE	-40°C to +60°C				
TERMINATION	TYPE "N" FEMALE				

Notes: Models FP-10107 are furnished in 3 bands (30-40) (50-60) (60-88)

Models FP-20107 and FP-20110 are furnished in 2 bands, (132-150) (148-174)

'FP' Bandpass Filters

- Protect one receiver further from front-end overload by carriers of co-located transmitters.
- Suppress IM generation in one transmitter by protecting it further from incoming carriers of co-located transmitter (usually in conjunction with a ferrite isolator).
- Suppress sideband noise of a single transmitter on co-located receiver frequencies.
- Generally, "Protect One from Many."

TYPICAL CURVES FOR 1dB INSERTION LOSS

