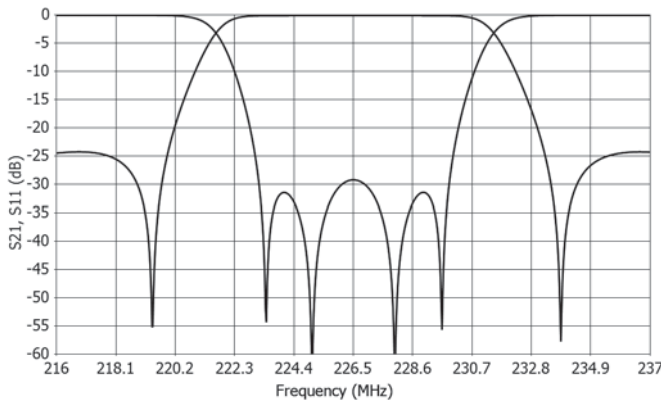




BANDPASS FILTERS  
VHF B.III

### SPECIFICATIONS

Product Code	A-TC4E100B-xx-yy	
Project Number	-	
Frequency Range	162 – 254 MHz	
Bandwidth	6 to 8 MHz	
Order	4-Pole Elliptical Response	
Max Input Power	5 kW DTV (7.5 kW ATV)	
Temperature Stability	< 6 kHz / K	
Max Operating Temp.	70 °C (158 °F)	
Environmental Conditions	-5 to +55 °C (+23 to +131 °F), IP60	
Body Finish	Metallic black coloring	
Dimensions	-	
Weight	-	
Output Monitor Probe	SMA Female	
Connectors Interface	2 x 64mm Series	
Connectors	D-PC64G	EIA 7/8" FastLine Socket
	D-PC64H	EIA 7/8" FastLine Flange
	D-PC64I	EIA 7/8" FastLine Plug
	D-PC64J	EIA 1+5/8" FastLine Socket (Default)
	D-PC64K	EIA 1+5/8" FastLine Flange
	D-PC64L	EIA 1+5/8" FastLine Plug
Options	O-MR.01	SMB Output Monitor Probe
	O-HZ.03	70°C (158°F) N.C. Thermo-switch



### TUNING DATA

	CCIR B Standard	FCC M Standard
Insertion Loss	< 0.21 dB @ V.C.	< 0.25 dB @ V.C.
Selectivity	> 40 dB @ V.C. -5.5/+11 MHz > 24 dB @ V.C. -11/+16.5 MHz	> 40 dB @ V.C. -4.5/+9 MHz > 24 dB @ V.C. -9/+13.5 MHz
Harmonic Attenuation	> 50 dB up to 500 MHz	> 50 dB up to 500 MHz
Return Loss	> 26 dB (VSWR < 1.11)	> 26 dB (VSWR < 1.11)
Group Delay Variation	< 25 ns	< 25 ns
Over-Temperature	< 44 K @ 7.5 kW ATV	< 53 K @ 7.5 kW ATV