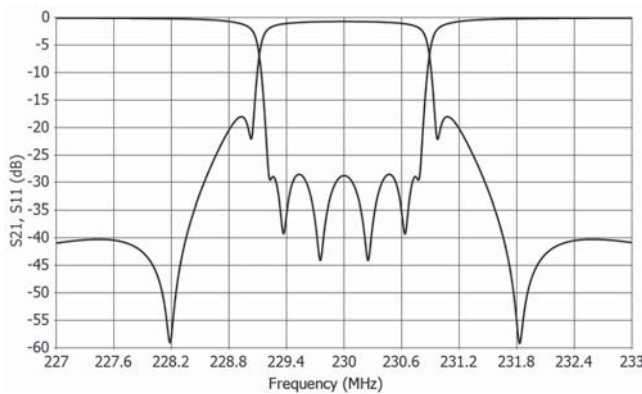




BANDPASS FILTERS  
VHF B.III DAB

### SPECIFICATIONS

Product Code	A-TC6D200R-xx-yy	
Project Number	-	
DAB Mask	Critical Mask Super Critical Mask	
Frequency Range	162 – 254 MHz	
Bandwidth	1.54 MHz	
Order	6-Pole Elliptical Response	
Max Input Power	5 kW DAB	
Liquid Flow (O-HL.02)	6 l/min (1.6 gal/min)	
Temperature Stability	< 1 kHz / K	
Max Operating Temp.	70 °C (158 °F)	
Environmental Conditions	-5 to +55 °C (+23 to +131 °F), IP60	
Body Finish	Aluminum, passivated	
Dimensions	-	
Weight	-	
Output Monitor Probe	SMA Female	
Connectors Interface	2 x 100mm Series	
Connectors	D-PC100J	EIA 1+5/8" FastLine Socket
	D-PC100K	EIA 1+5/8" FastLine Flange
	D-PC100L	EIA 1+5/8" FastLine Plug
	D-PC100M	EIA 3+1/8" FastLine Socket (Default)
	D-PC100N	EIA 3+1/8" FastLine Flange
	D-PC100O	EIA 3+1/8" FastLine Plug
	D-PC100P	EIA 4+1/2" FastLine Socket
	D-PC100Q	EIA 4+1/2" FastLine Flange
Options	O-MR.01	SMB Output Monitor Probe
	O-HL.02	Liquid Cooling add-on
	O-HZ.03	70°C (158°F) N.C. Thermostwitch



### TUNING DATA

	DAB C.M.	DAB S.C.M.
Insertion Loss	< 0.63 dB @ C.F.(Block 12D) < 1.44 dB @ C.F. ±0.77 MHz	< 0.70 dB @ C.F.(Block 12D) < 1.54 dB @ C.F. ±0.77 MHz
Selectivity	> 11 dB @ C.F. ±0.97 MHz > 42 dB @ C.F. ±1.75 MHz > 38 dB @ C.F. ±2.20 MHz > 32 dB @ C.F. ± 3 MHz	> 11 dB @ C.F. ±0.97 MHz > 42 dB @ C.F. ±1.75 MHz > 58 dB @ C.F. ±2.20 MHz > 52 dB @ C.F. ± 3 MHz
Harmonic Attenuation	> 50 dB up to 600 MHz	> 50 dB up to 600 MHz
Return Loss	> 26 dB (VSWR < 1.11)	> 26 dB (VSWR < 1.11)
Group Delay Variation	< 800 ns	< 850 ns
Over-Temperature with O-HL.02	< 42 K @ 5 kW DAB < 14 K @ 5 kW DAB	< 45 K @ 5 kW DAB < 15 K @ 5 kW DAB