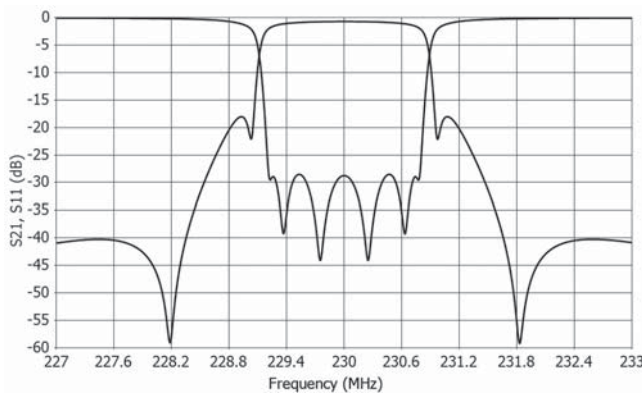




BANDPASS FILTERS
VHF B.III DAB

SPECIFICATIONS

Product Code	A-TC6D100R-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	1.25 kW DAB
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 64mm Series
Connectors	D-PC64J EIA 1+5/8" FastLine Socket (Default) D-PC64K EIA 1+5/8" FastLine Flange D-PC64M EIA 3+1/8" FastLine Socket D-PC64N EIA 3+1/8" FastLine Flange
Options	O-MR.01 SMB Output Monitor Probe O-HZ.03 70°C (158°F) N.C. Thermo-switch



TUNING DATA

	DAB C.M.	DAB S.C.M.
Insertion Loss	< 1.26 dB @ C.F.(Block 12D) < 2.87 dB @ C.F. ±0.77 MHz	< 1.40 dB @ C.F.(Block 12D) < 3.08 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	< 46 K @ 1.25 kW DAB	< 49 K @ 1.25 kW DAB