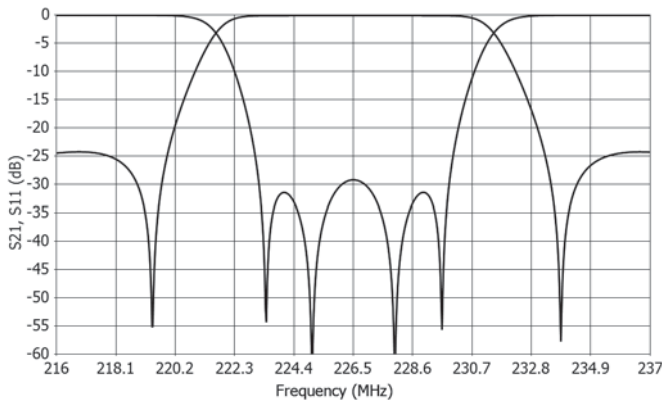
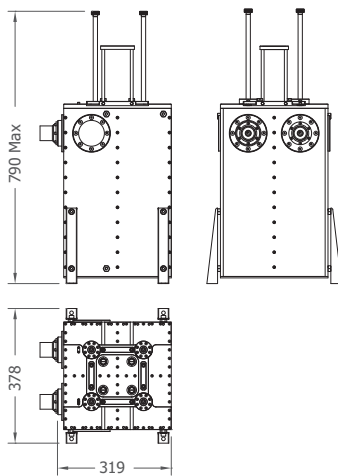




SPECIFICATIONS

Product Code	A-TC4E140B-xx-yy
Project Number	J-054-02
Frequency Range	162 – 254 MHz
Bandwidth	6 to 8 MHz
Order	4-Pole Elliptical Response
Max Input Power	10 kW DTV (15 kW ATV)
Liquid Flow (O-HL.01)	6 l/min (1.6 gal/min)
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	319 x 378 x 790 mm
Weight	28 kg (61.6 lb)
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-HL.01 Liquid Cooling add-on O-ZZ.01 Axial connector mounting O-HZ.03 70°C (158°F) N.C. Thermo-switch



TUNING DATA

	CCIR B Standard	FCC M Standard
Insertion Loss	< 0.15 dB @ V.C.	< 0.18 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 with O-HL.01	< 41 K @ 15 kW ATV < 15 K @ 15 kW ATV	< 51 K @ 15 kW ATV < 18 K @ 15 kW ATV

BANDPASS FILTERS
VHF B.III