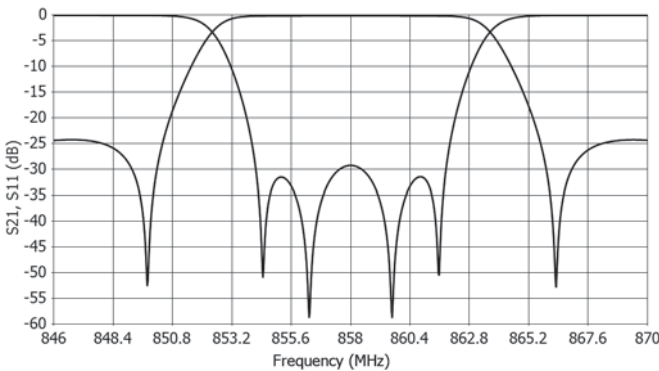


### SPECIFICATIONS

Product Code	A-TC4E200C-xx-yy
Project Number	J-055-02
Frequency Range	470 – 862 MHz
Bandwidth	6 to 8 MHz
Order	4-Pole Elliptical Response
Max Input Power with O-HL.04	10 kW DTV (15 kW ATV) 20 kW DTV (30 kW ATV)
Liquid Flow (O-HL.04)	10 l/min (2.6 gal/min)
Temperature Stability	< 2 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	446 x 500 x 430 mm
Weight	39 kg (85.8 lb)
Output Monitor Probe	SMA Female
Connectors Interface	2 x 100mm Series
Connectors	D-PC100M EIA 3+1/8" FastLine Socket (Default) D-PC100N EIA 3+1/8" FastLine Flange 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-MR.02 Output Monitor Probe on the left O-HF.04 Heat Sink add-on O-HL.04 Liquid Cooling add-on O-HZ.03 70°C (158°F) N.C. Theroswitch



### TUNING DATA

	CCIR G Standard	FCC M Standard
Insertion Loss	< 0.15 dB @ V.C.	< 0.16 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 with LP77C	- > 50 dB up to 3.0 GHz	- > 50 dB up to 3.0 GHz
Return Loss	> 26 dB (VSWR < 1.11)	> 26 dB (VSWR < 1.11)
Group Delay Variation	< 25 ns	< 25 ns
Over-Temperature with O-HF.04 with O-HL.04	< 43 K @ 15 kW ATV < 34 K @ 15 kW ATV < 25 K @ 30 kW ATV	< 53 K @ 15 kW ATV < 42 K @ 15 kW ATV < 31 K @ 30 kW ATV

BANDPASS FILTERS  
UHF