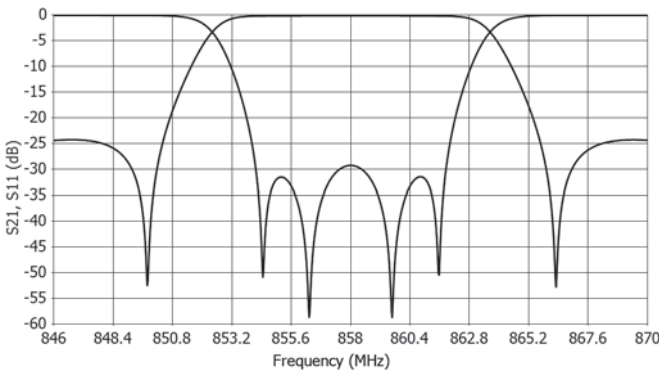


SPECIFICATIONS

Product Code	A-FC4E80C-xx-yy
Project Number	J-053-03
Frequency Range	470 – 862 MHz
Bandwidth	6 to 8 MHz
Order	4-Pole Elliptical Response
Max Input Power	1 kW DTV (1.5 kW ATV)
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	214 x 173 x 194 mm
Weight	6 kg (13.2 lb)
Output Monitor Probe	SMA Female
Connectors Interface	2 x 32mm Series
Connectors	D-PC32E 7-16 Female (Default) D-PC32G EIA 7/8" FastLine Socket D-PC32H EIA 7/8" FastLine Flange
Options	O-MR.01 SMB Output Monitor Probe O-MR.02 Output Monitor Probe on the left O-RK.05 4U 19" Rack, w/ handles O-HF.01 Heat Sink add-on

BANDPASS FILTERS
UHF



TUNING DATA

	CCIR G Standard	FCC M Standard
Insertion Loss	< 0.32 dB @ V.C.	< 0.39 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 LC39C	> 50 dB up to 1.2 GHz > 50 dB up to 3.0 GHz	> 50 dB up to 1.2 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.01	< 36 K @ 1.5 kW ATV < 29 K @ 1.5 kW ATV	< 44 K @ 1.5 kW ATV < 35 K @ 1.5 kW ATV