

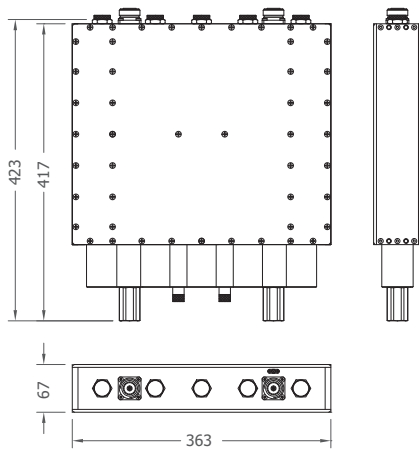
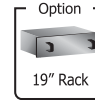
VHF B.III 2 kW 3+2-Pole Bandpass Filter

CL3N60B



CL
Series

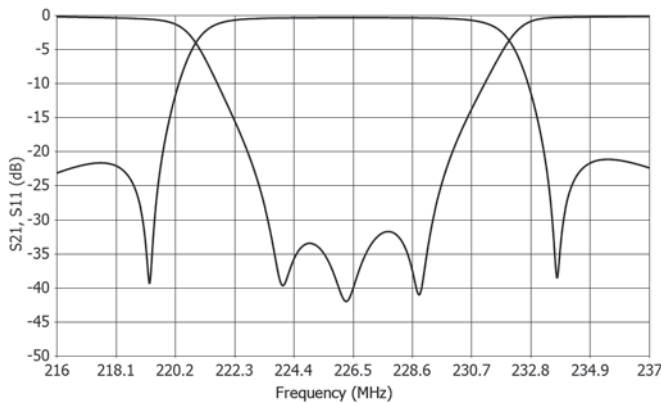
32
mm
Connectors



SPECIFICATIONS

Product Code	A-CL3N60B-xx-yy
Project Number	J-092-01
Frequency Range	174 – 254 MHz
Bandwidth	6 to 8 MHz
Order	3-Pole + 2-Notch
Max Input Power	2 kW DTV (3 kW ATV)
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	363 x 67 x 423 mm
Weight	10 kg (22 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 D-PC32J EIA 1+5/8" FastLine Socket D-PC32K EIA 1+5/8" FastLine Flange
Options	O-MR.01 SMB Output Monitor Probe O-RK.03 2U 19" Rack, w/ handles

BANDPASS FILTERS
VHF B.III



TUNING DATA

	CCIR B Standard	FCC M Standard
Insertion Loss	< 0.26 dB @ V.C.	< 0.30 dB @ V.C.
Selectivity	> 30 dB @ V.C. -5.5/+11 MHz > 24 dB @ V.C. -11/+16.5 MHz	> 30 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	< 24 K @ 3 kW ATV	< 29 K @ 3 kW ATV