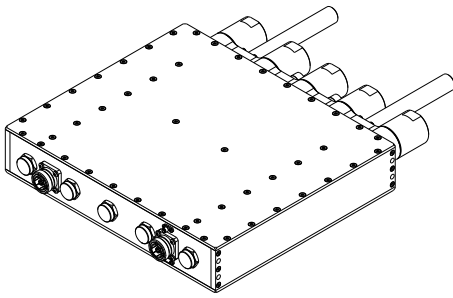


VHF B.III 3-Pole 60 mm Bandpass Filter

CL3N60B



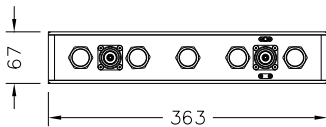
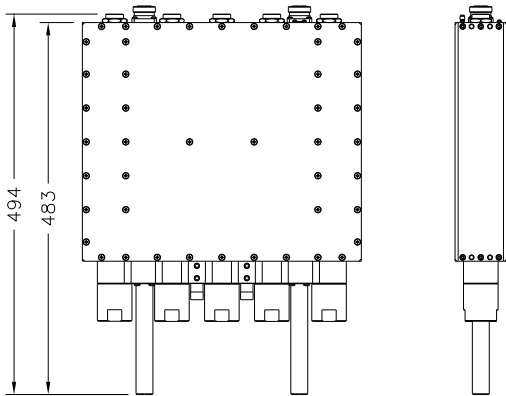
FEATURES

- 60 mm Cavity Size
- 3-Pole+2-Notch
- DC Short
- Output Monitor Probe
- Unified Connector Interface



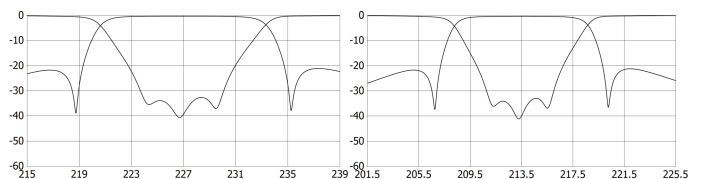
OPTIONS

- 19" Rack Shelf



SPECIFICATIONS

Code / Revision	A-CL3N60B / A
Order / Cavity Size	3-Pole+2-Notch / 60 mm
Frequency Range / Bandwidth	174-240 MHz / 6-8 MHz
Temperature Stability	< 6 kHz/K
Max Operating Temperature	65°C (149°F)
Environmental Conditions	-5 to +55°C (+23 to +131°F)
	IP60, EN 3.1
Dimensions / Weight ⁽¹⁾	363x67x494 mm / 10 kg (22 lb.)
Output Monitor Probe	SMA Female
Unified Connector Interface	2 x 32 mm Series
Connectors ⁽²⁾	D-PC32E 7-16 Female (Default) D-PC32G 7/8" FastLine Socket D-PC32H 7/8" EIA FastLine Flange D-PC32J 1+5/8" FastLine Socket D-PC32K 1+5/8" EIA FastLine Flange
Options ⁽²⁾	O-RK.03 2U 19" Rack Shelf, w/ panel and handles



TUNING DATA ⁽²⁾

	CCIR B Standard		FCC M Standard	
Tuning Code / Bandwidth	T-3N.05 / 7 MHz		T-3N.04 / 6 MHz	
Max S.P. Input Power ⁽³⁾	2.3 kW		2.0 kW	
Efficiency (Typ.)	95%		94%	
Insertion Loss	174 MHz	230 MHz	174 MHz	216 MHz
	V.C. < 0.23 dB	< 0.26 dB	V.C. < 0.27 dB	< 0.30 dB
Selectivity	V.C. -5.5/+11 MHz	> 30 dB	V.C. -4.5/+9 MHz	> 30 dB
	V.C. -11/+16.5 MHz	> 24 dB	V.C. -9/+13.5 MHz	> 24 dB
Harmonic Attenuation	> 50 dB up to 550 MHz		> 50 dB up to 550 MHz	
Return Loss / VSWR	> 26 dB / < 1.11		> 26 dB / < 1.11	
Group Delay Variation	< 25 ns		< 25 ns	

⁽¹⁾ Default configuration ⁽²⁾ Other Connectors/Options/Tunings available ⁽³⁾ Altitude < 1500 m (4,900 ft.), free air, standard environmental conditions