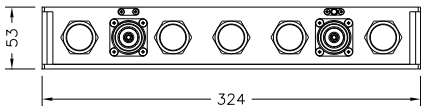
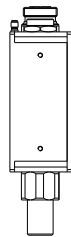
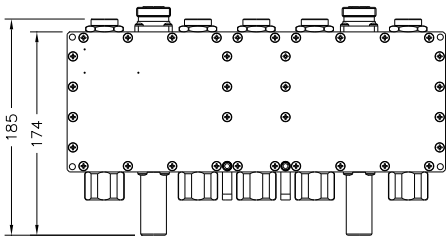
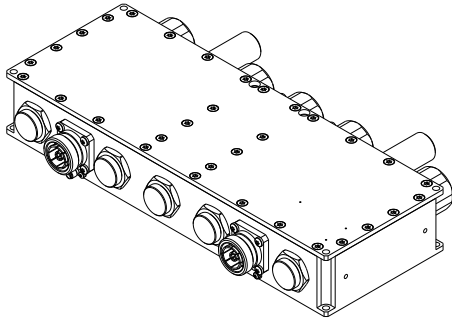


UHF 3-Pole 50 mm Bandpass Filter

CL3N50C



FEATURES

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

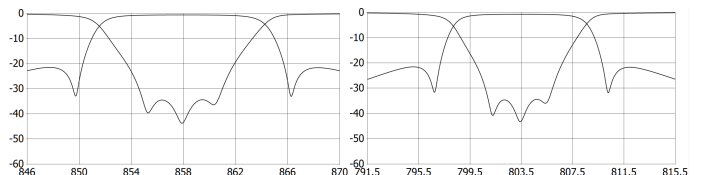
OPTIONS

- 19" Rack Shelf



SPECIFICATIONS

Code / Revision	A-CL3N50C / A
Order / Cavity Size	3-Pole+2-Notch / 50 mm
Frequency Range / Bandwidth	470-862 MHz / 6-8 MHz
Temperature Stability	17 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⁾	324x53x185 mm / 3 kg (6.6 lb.)
Output Monitor Probe	SMA Female
Unified Connector Interface	2 x 32 mm Series
Connectors ⁽²⁾	D-PC32C N Female
	D-PC32E 7-16 Female (Default)
Options ⁽²⁾	O-RK.03 2U 19" Rack Shelf, w/ panel and handles



TUNING DATA ⁽²⁾

	CCIR G Standard		FCC M Standard			
Tuning Code / Bandwidth	T-3N.01 / 8 MHz		T-3N.04 / 6 MHz			
Max S.P. Input Power ⁽³⁾	750 W		600 W			
Efficiency (Typ.)	91%		89%			
Insertion Loss	V.C.	470 MHz < 0.40 dB	862 MHz < 0.44 dB	V.C.	470 MHz < 0.49 dB	806 MHz < 0.54 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 with Lowpass Filter	> 50 dB up to 1.3 GHz		> 50 dB up to 1.3 GHz			
	> 50 dB up to 3.0 GHz		> 50 dB up to 3.0 GHz			
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