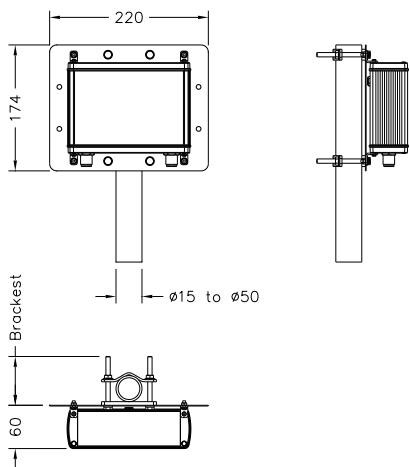
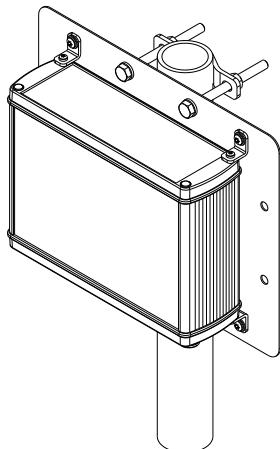


868 MHz IoT 3-Pole Bandpass Filter

CL3PW868

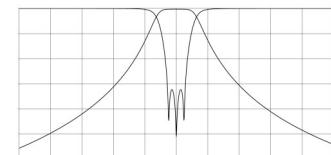


FEATURES

- 3-Pole
- 30 mm Cavity Size
- DC Short
- 2x N Female Connectors
- Weatherproof (IP65)
- Mast Fixing Kit

SPECIFICATIONS

Code / Revision	E-CL3PW868 / C
Order / Cavity Size	3-Pole / 30 mm
Frequency Range / Bandwidth	868 MHz / 3 MHz
Max Operating Temperature (Body)	90°C (194°F)
Environmental Conditions	-40 to +85°C (-40 to +185°F), IP65
Dimensions / Weight	60x174x220 mm / 1.7 kg (3.7 lb.)
Connectors	N Female
Options	-



TUNING DATA

Bandwidth	3 MHz	
Max RMS Input Power	50 W	
Insertion Loss	< 0.55 dB (867.5 - 868.5 MHz)	
Bandpass Ripple	< 0.10 dB	(867.5 - 868.5 MHz)
Selectivity	C.F. ± 15 MHz	> 23 dB
	C.F. ± 20 MHz	> 30 dB
	C.F. ± 30 MHz	> 41 dB
	C.F. ± 50 MHz	> 54 dB
Harmonic Attenuation	> 60 dB up to 3.0 GHz	
Return Loss / VSWR	> 22 dB / < 1.17	
Group Delay Variation	< 2 ns	