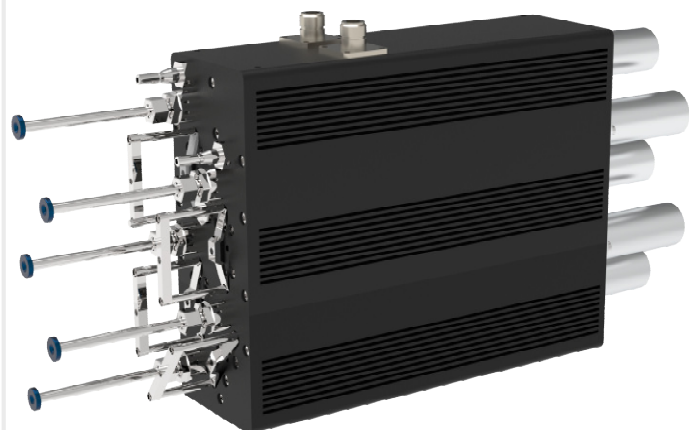



PRODUCT FEATURES
DAB 5-pole 50mm Bandpass filter

- Full-band tunable
- DC-Short
- Temperature compensated

OPTIONS

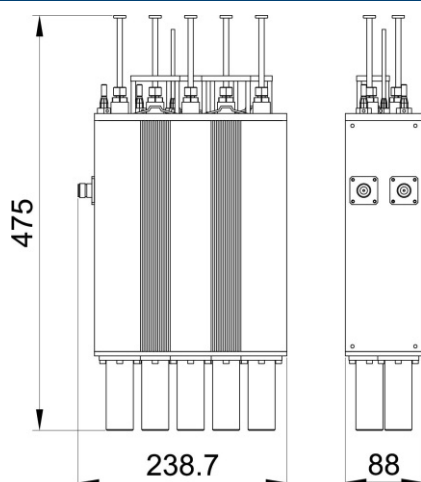
- 19" rack mount
- Custom rack frame

SPECIFICATIONS

PRODUCT CODE:	BPF35050
No. of POLES	5-pole heliptycal
CAVITY SIZE	50 mm
TEMPERATURE STABILITY	< 0.8 kHz/°K
MAX OPERATING TEMPERATURE (body)	65 °C (149 °F)
TEMPERATURE OPERATING ENVIRONMENT	-5 ÷ 50 °C 23 ÷ 122 °F
CONNECTIONS ⁽²⁾ and PRODUCT CODES	N female ⁽¹⁾ BPF35050-00 DIN 7/16 female BPF35050-22

ELECTRICAL DATA

FREQUENCY RANGE:	174 ÷ 240 MHz
MAXIMUM RMS INPUT POWER ⁽³⁾	100 W
INSERTION LOSS @ F0	< 1.4 dB ⁽⁴⁾
INSERTION LOSS @ F0 ± 0.77 MHz	< 2.9 dB ⁽⁴⁾
ATTENUATION @ F0 ± 0.97 MHz	> 10 dB ⁽⁴⁾
ATTENUATION @ F0 ± 1.77 MHz	> 24 dB ⁽⁴⁾
ATTENUATION @ F0 ± 2.20 MHz	> 29 dB ⁽⁴⁾
ATTENUATION @ F0 ± 3.00 MHz	> 36 dB ⁽⁴⁾
BANDWIDTH	1.54 MHz
RETURN LOSS (VSWR)	< -26 dB < 1.10
INPUT/OUTPUT IMPEDANCE	50 Ω
HARMONIC ATTENUATION	> 80 dB up to 500MHz
GROUP DELAY VARIATION	< 500 ns

DIMENSIONAL DETAIL


DIMENSIONS	88x239x475 mm 3.46x9.40x18.70"
WEIGHT	9.5 Kg (21 lbs)

⁽¹⁾ Default configuration ⁽²⁾ Other connections available ⁽³⁾ Altitude < 1525 mt (5000 ft) ⁽⁴⁾ Other tuning configuration available