


PRODUCT FEATURES
DAB 6-pole 98mm Bandpass filter

- Dual Cross-Coupling
- Full-band tunable
- DC-Short
- Temperature compensated

OPTIONS

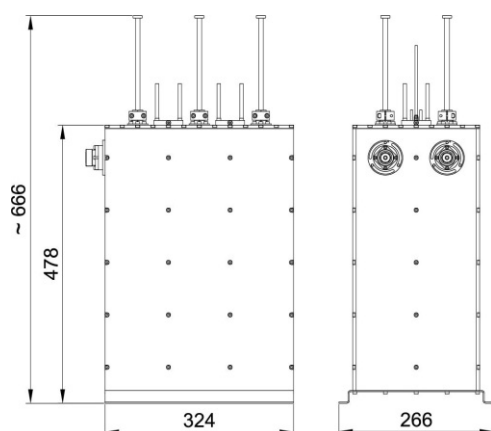
- Heat Sinks
- Forced Air Cooling
- Liquid Cooling
- 19" rack frame supports
- Custom rack frame

SPECIFICATIONS

<i>PRODUCT CODE:</i>	BPF36098
<i>No. of POLES</i>	6-pole elliptical
<i>CAVITY SIZE</i>	98 mm
<i>TEMPERATURE STABILITY</i>	< 1 kHz/°K
<i>MAX OPERATING TEMPERATURE (body)</i>	65 °C (149 °F)
<i>TEMPERATURE OPERATING ENVIRONMENT</i>	-5 ÷ 50 °C 23 ÷ 122 °F
<i>CONNECTIONS ⁽²⁾ and PRODUCT CODES</i>	7/16 female ⁽¹⁾ BPF36098-22 7/8" flange BPF36098-44 7/8" unflanged BPF36098-66

ELECTRICAL DATA

<i>FREQUENCY RANGE:</i>	174 ÷ 240 MHz
<i>MAXIMUM RMS INPUT POWER⁽³⁾</i>	800 W ⁽⁴⁾
<i>INSERTION LOSS @ F0</i>	< 0.9 dB ⁽⁵⁾
<i>INSERTION LOSS @ F0 ± 0.77 MHz</i>	< 2.2 dB ⁽⁵⁾
<i>ATTENUATION @ F0 ± 0.97 MHz</i>	> 15 dB ⁽⁵⁾
<i>ATTENUATION @ F0 ± 1.77 MHz</i>	> 45 dB ⁽⁵⁾
<i>ATTENUATION @ F0 ± 2.20 MHz</i>	> 50 dB ⁽⁵⁾
<i>ATTENUATION @ F0 ± 3.00 MHz</i>	> 50 dB ⁽⁵⁾
<i>BANDWIDTH</i>	1.54 MHz
<i>RETURN LOSS (VSWR)</i>	< -26 dB < 1.10
<i>INPUT/OUTPUT IMPEDANCE</i>	50 Ω
<i>HARMONIC ATTENUATION</i>	> 50 dB up to 500MHz
<i>GROUP DELAY VARIATION</i>	< 900 ns

DIMENSIONAL DETAIL


<i>DIMENSIONS</i>	324x266x666 mm 12.8x10.4x26.2"
<i>WEIGHT</i>	23 Kg (51 lbs)

⁽¹⁾ Default configuration ⁽²⁾ Other connections available ⁽³⁾ Altitude < 1525 mt (5000 ft) ⁽⁴⁾ Higher power rate with Heat Sinks or Forced Air Cooling or Liquid Cooling options
⁽⁵⁾ Other tuning configuration available