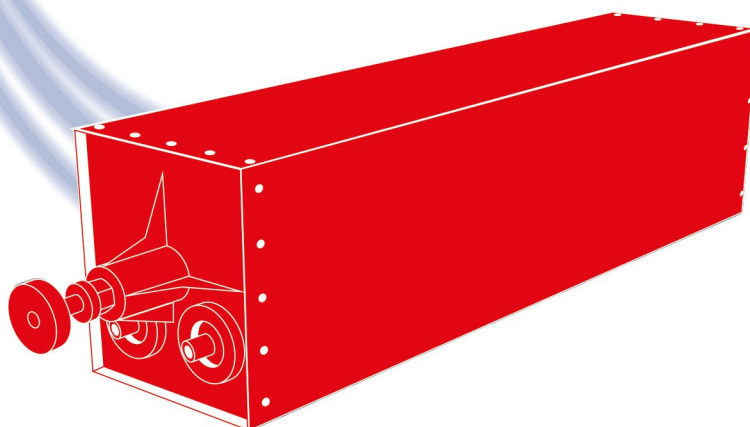


FILTERS



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Filters

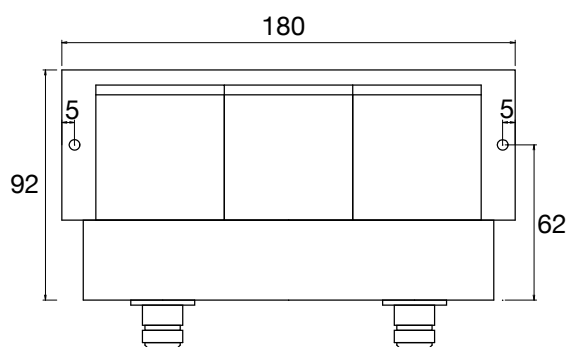
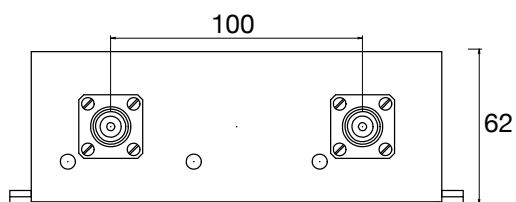
- ⇒ High selectivity
- ⇒ Compact for easy integration
- ⇒ Adjustable bandwidth, tunable

Band Pass Filter 87-110 MHz 20W	3
Band Pass Filter 87-110 MHz 20W	4
Band Stop Filter 87-110 MHz 20W	5
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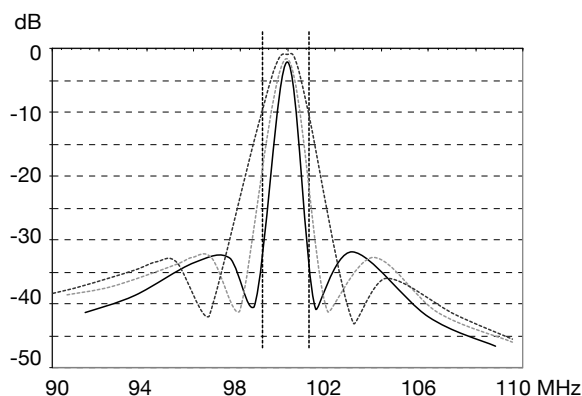
Band Pass Filter 87-110 MHz 20W



Impedance	50 Ω
Frequency range	87 to 110 MHz
Bandwidth	400 kHz
Maximal power (cw)	20 W
Insertion loss	< 3.6 dB
VSWR	< 1.3
Isolation	> 30 dB (at $f_0 \pm 1$ MHz) > 40 dB (at $f_0 \pm 2$ MHz)
Connector	N f
Temperature range	-10°C + 55°C
Material	Aluminium
Weight	1.35 kg



Dimensions in mm



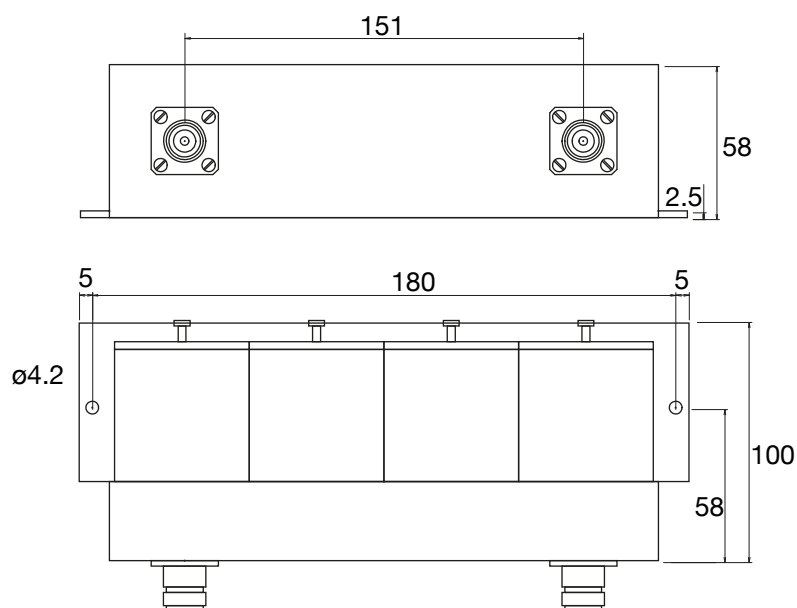
[Return to Search by Part Number](#)

P/N	Model
BP-FM3	Bandpass filter 87-110 MHz 3 Poles

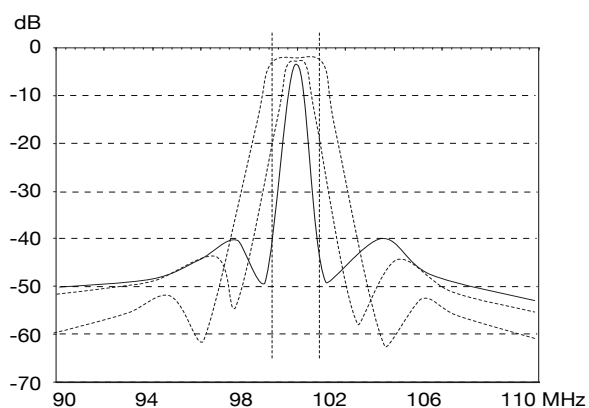
Band Pass Filter 87-110 MHz 20W



Impedance	50 Ω
Frequency range	87 to 110 MHz
Bandwidth	400 kHz
Maximal power (cw)	20 W
Insertion loss	< 3.2 dB
VSWR	< 1.3
Isolation	> 40 dB (at $f_0 \pm 1$ MHz)
Connector	N f
Temperature range	-10°C + 55°C
Material	Aluminium
Dimensions	221 x 100 x 62 mm
Weight	1.75 kg



Dimensions in mm



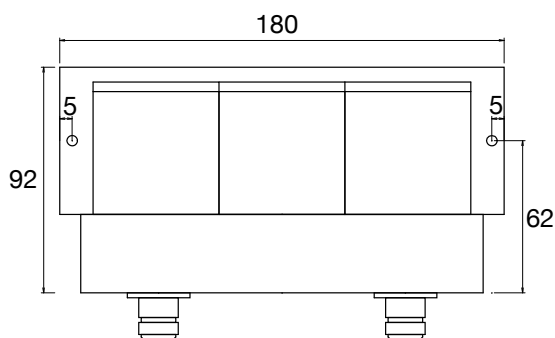
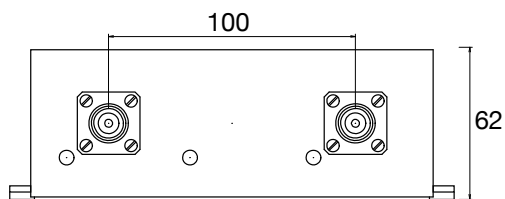
[Return to Search by Part Number](#)

P/N	Model
BP-FM4	Bandpass filter 87-110 MHz 4 Poles

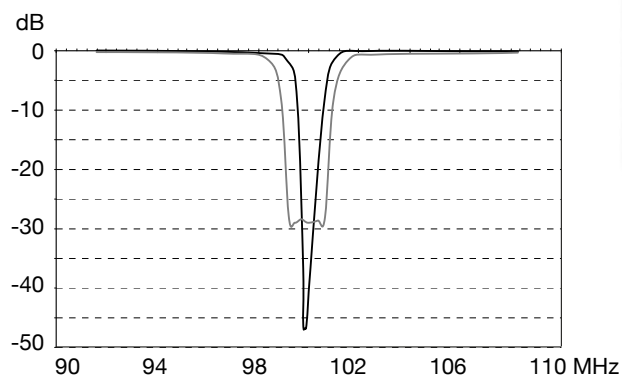
Band Stop Filter 87-110 MHz 20W



Impedance	50 Ω
Frequency range	87 to 110 MHz
Rejection Bandwidth	150 kHz
Maximal power (cw)	20 W
Out band loss	< 1 dB (at $f_0 \pm 2$ MHz)
VSWR	< 1.3
Connector	N f
Temperature range	-10°C + 55°C
Material	Aluminium
Weight	1.35 kg



Dimensions in mm



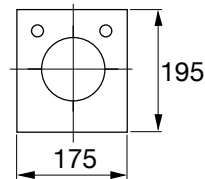
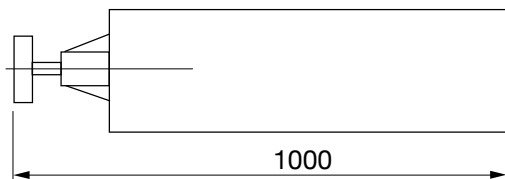
[Return to Search by Part Number](#)

P/N	Model
RFA-FM3	Band Stop filter 87-110 MHz 3 Poles

Band Pass Filter 118-144 MHz



Impedance	50 Ω
Frequency range	118 to 144 MHz (tunable)
Attenuation	>14 dB (at $f_0 \pm 200$ kHz) / >27 dB (at $f_0 \pm 1$ MHz)
Connector	N f
Insertion loss	< 2.5 dB
VSWR	< 1.5
Temperature range	-10° to +55°C
Temperature variation	< 0.2 kHz/°C
Dimensions	195 x 175 x 1000 mm
Weight	6.8 kg



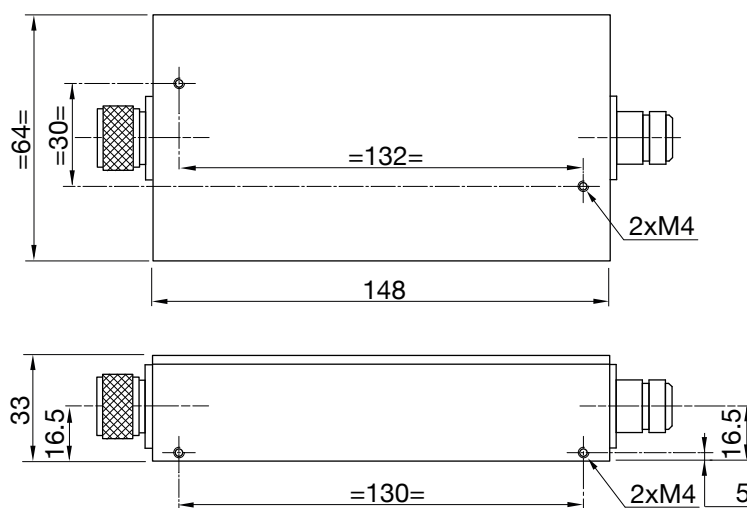
Dimensions in mm

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P/N	Model
63-0006	Band Pass Filter 118-144 MHz



Impedance	50 Ω
Frequency range	118 to 400 MHz
VSWR	< 1.5
Insertion loss	< 1.5 dB
Rejection	>25 dB (at f <108 MHz) >30 dB (at f >450 MHz)
Connector	N m / N f
Temperature range	-10° to +55°C
Maximum power	10 W
Weight	680 g



Dimensions in mm

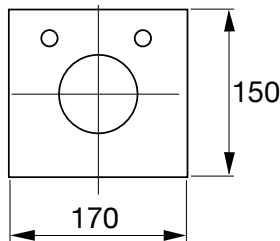
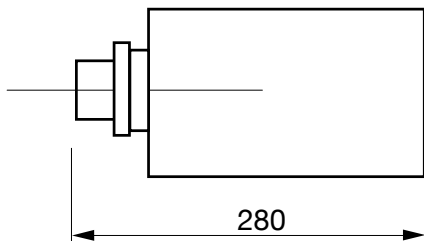
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P/N	Model
30-0110	Band Pass Filter 118-400 MHz Nm-Nf

Band Pass Filter 380-520 MHz



Impedance	50 Ω
Frequency range	380 to 520 MHz (tunable)
Attenuation	>5 dB (at $f_0 \pm 150$ kHz)
Connector	N f
Insertion loss	< 2 dB
VSWR	< 1.5
Temperature range	-10° to +55°C
Temperature variation	< 0.2 kHz/°C
Dimensions	170 x 150 x 280 mm
Weight	2.2 kg



Dimensions in mm

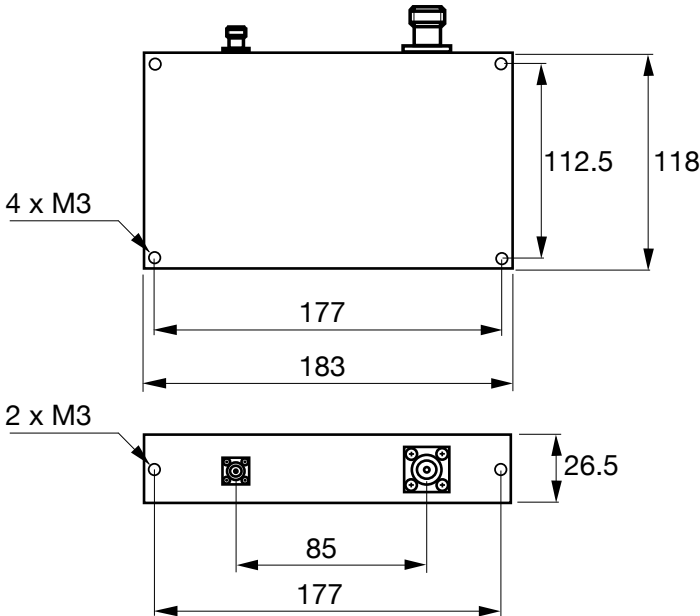
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P/N	Model
00 566 901	Band Pass Filter 380-520 MHz

Band Pass Filter 415-420 MHz



Impedance	50 Ω
Frequency range	415 to 420 MHz
Bandwidth	5 MHz
Isolation	50 dB (at $f_0 \pm 10$ MHz)
VSWR	< 1.3
Insertion loss	< 1.5 dB
Connector	N f / Sma f
Temperature range	-10° to +60°C
Weight	700 g



Dimensions in mm

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P/N	Model
806 105	Band Pass Filter 415-420 MHz N f - Sma f

Other models available in the frequency range from 380 to 520 MHz

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BP-FM4	X4
RFA-FM3	X5
00 566 901	X8
30-0110	X7
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Filters



Notes



Filters

