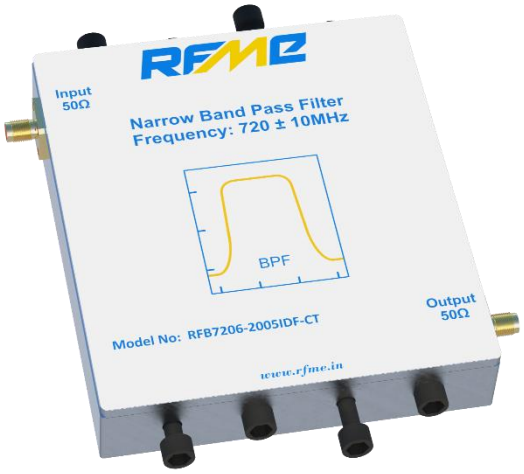
UHF BANDPASS FILTER
RFB4336-1505IDF-CT

Features:

- Exceptional Rejection
- Low Insertion Loss < 3dB
- Narrow Passband
- -18dB Minimum Return Loss
- Military Grade Design



Description:

The RFB4336-1505SMC is a narrow band pass filter operates from 430MHz to 440MHz frequency range. The signal output uses a N Type Female connector at Input and Output side to RF test equipment. It offers low insertion loss, high rejection and with good return loss makes this filter versatile for a variety of systems. It comes with Military grade shielded rigid build quality design for various environmental conditions usage.

Applications:

- Amateur Radio
- Military Telemetry
- Television Broadcasting

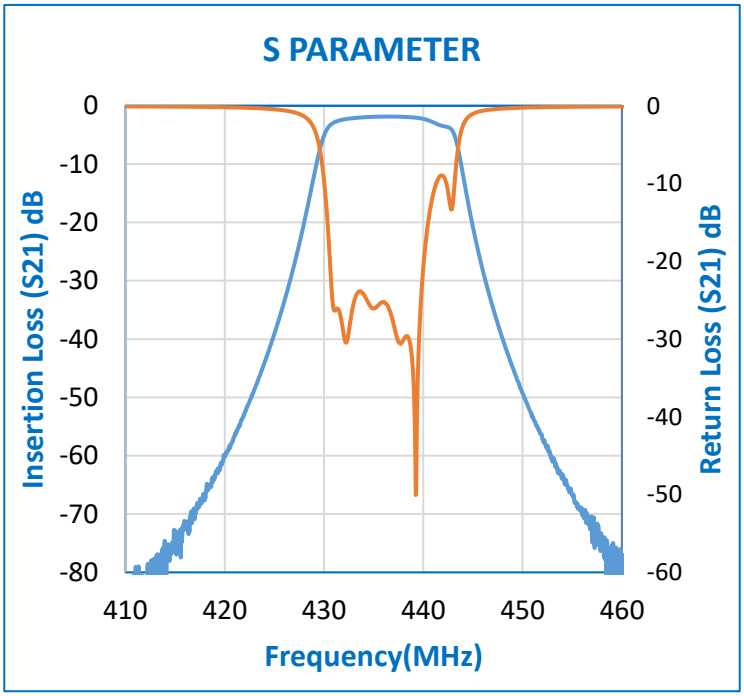
Optional Accessories:

- RF Adaptors(N-N):
  - N (M)-(M)
  - N (F)-(F)
  - SN (M)-(F)

Electrical Specifications:	
Frequency Range:	431MHz to 439MHz
Center Frequency :	8 MHz
Input Power:	+50W (Max)
Insertion Loss :	-3dB (Max)
Return Loss :	-18 dB (Min)
Rejection:	-40dB @ 420MHz
	-40dB @ 450MHz
In / Out Impedance:	50 Ω
In / Out Connector:	N TYPE (F)
Operating temperature:	-70 °C to +85 °C
Weight:	1500gm
Test Conditions:	
Input Power:	0dBm
Typical Room Temperature:	25 °C

S Parameter Test Result:

Frequency(MHz)	Insertion Loss(dB) - S21	Return Loss(dB) - S11
650	-61.88	-0.08
690	-30.23	-0.01
706	-3.07	-7.17
710	-1.16	-30.09
714	-0.81	-28.24
718	-1.00	-19.25
720	-1.08	-18.26
722	-1.06	-19.86
726	-0.82	-33.16
730	-1.15	-38.36
734	-3.06	-6.89
750	-28.84	-0.24
790	-58.28	-0.01



A. Electrical specification and Performance data contained in this specification document are based on RFME's applicable established test performance criteria and measurement instruction.
B. The parts covered by this specification document are subject to RFME standard limited warranty and terms & conditions.

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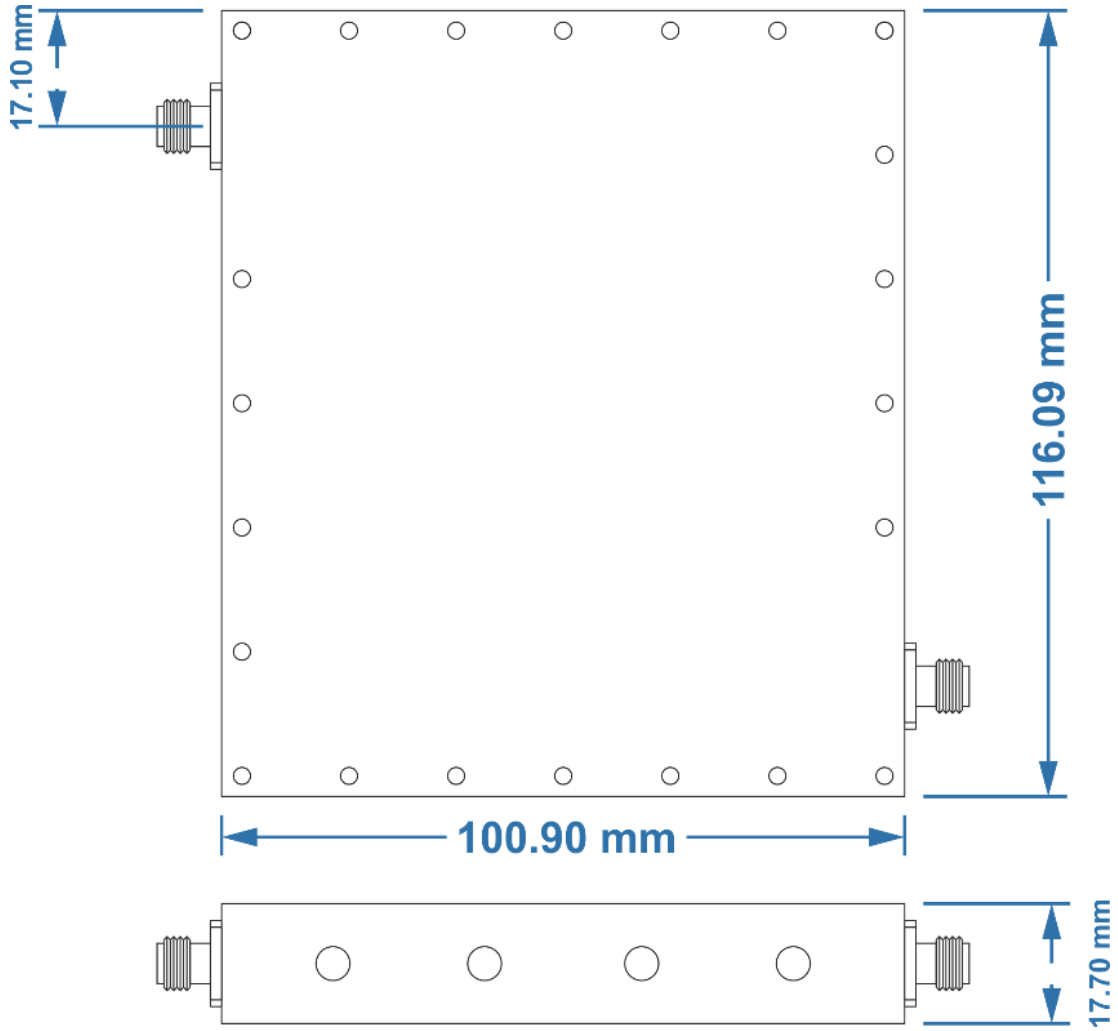
Mechanical Dimensions:



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