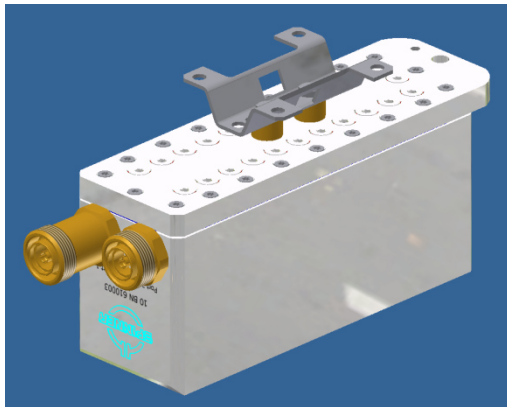
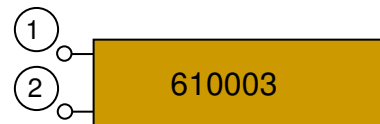


Bandstop Filter



not binding

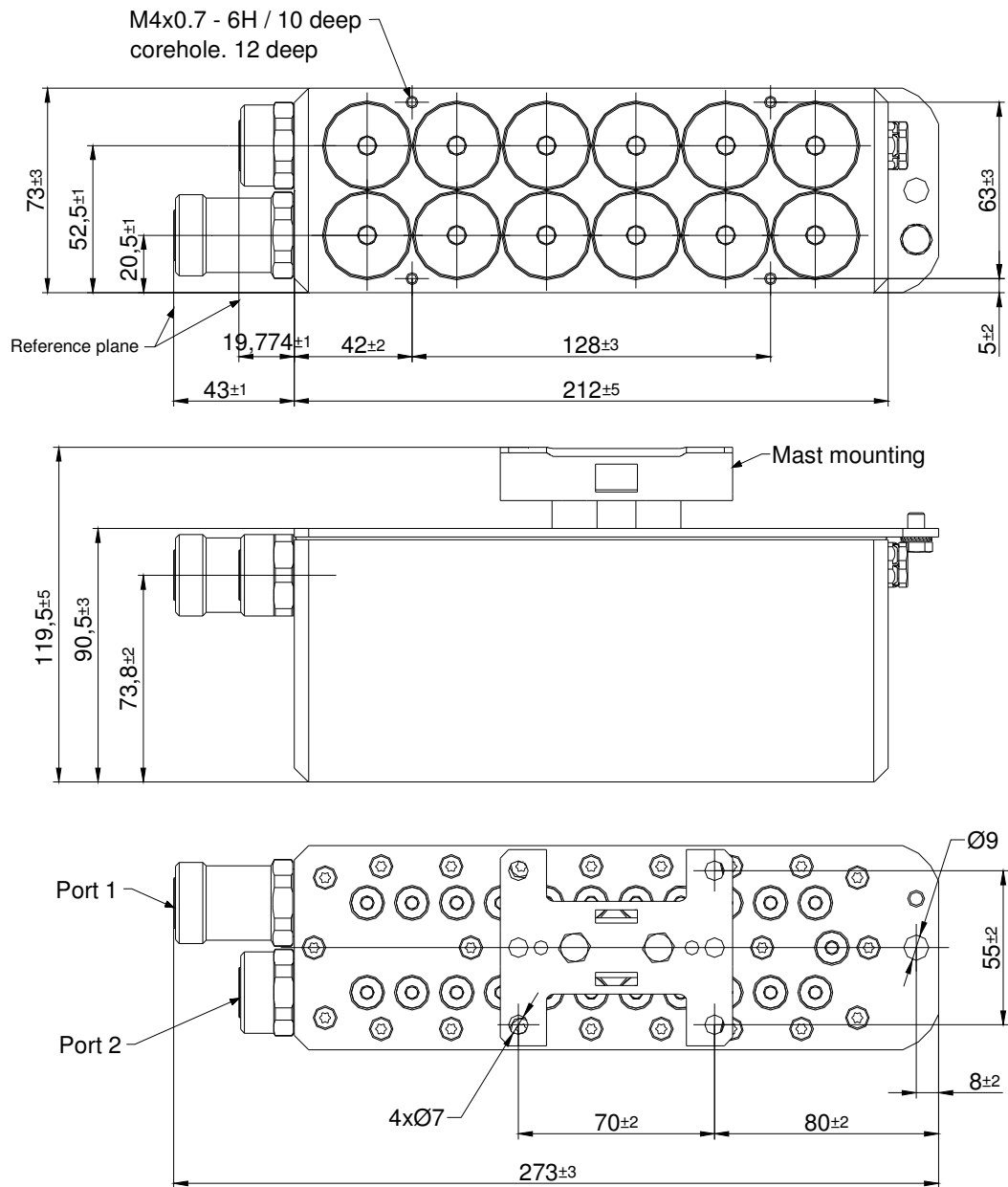


block diagram

Part number	BN 610003
Connectors	7-16 socket (50 Ohms)
Frequency range	
Passband	790.0-862.0 MHz /880.0- 915.0 MHz/ 937.6-938.2 MHz/938.2-944.2MHz /944.2-944.8 MHz / 951.2-951.8 MHz/951.8-954.8 MHz/954.8-955.4 MHz/ 959.4-960.0 MHz/ 1710-1885 MHz /1920-2170 MHz /2500-2690 MHz
Stopband	925.0-936.1 MHz /936.1-937.0 MHz /937.0-937.5 MHz/ 944.9-945.4 MHz /945.4-946.3 MHz/946.3-949.7 MHz/ 949.7-950.6 MHz /950.6-951.1 MHz/ 955.5-956.0 MHz /956.0-956.9 MHz/956.9-957.7 MHz / 957.7-958.8 MHz /958.8-959.3 MHz
Insertion loss	
Passband	
790.0-862.0 MHz /880.0-915.0 MHz	≤ 1.0 dB
937.6-938.2 MHz /944.2-944.8 MHz	≤ 13.0 dB
938.2-938.7 MHz/943.8-944.2 MHz	≤ 7.0 dB
938.7-943.8 MHz	≤ 5.0 dB (typical 3dB)
951.2-951.8 MHz/954.8-955.4 MHz	≤ 13.0 dB
951.8-952.3 MHz/954.4 -954.8 MHz	≤ 8.0 dB
952.3-954.4 MHz	≤ 6 dB (typical 4dB)
959.4-960.0 MHz	≤ 12 dB (typical 10dB)
1710-1885 MHz /1920-2170 MHz /2500-2690 MHz	≤ 1.0 dB

Stopband	
925.0-936.1 MHz	≥ 25 dB
936.1-937.0 MHz	≥ 15 dB
937.0-937.5 MHz	≥ 10 dB
944.9-945.4 MHz	≥ 10 dB
945.4-946.3 MHz	≥ 15 dB
946.3-949.7 MHz	≥ 25 dB
949.7-950.6 MHz	≥ 15 dB
950.6-951.1 MHz	≥ 10 dB
955.5-956.0 MHz	≥ 10 dB
956.0-956.9 MHz	≥ 15 dB
956.9-957.7 MHz	≥ 25 dB
957.7-958.8 MHz	≥ 15 dB
958.8-959.3 MHz	≥ 10 dB
Return loss	
790-862 MHz	≥ 14 dB
880- 915 MHz	≥ 10 dB
937.6-944.8 MHz	≥ 2 dB (typical 5 dB)
951.2-955.4 MHz	≥ 2 dB (typical 4 dB)
959.4-960.0 MHz	≥ 1.5 dB (typical 3 dB)
1710-1885 MHz /1920-2170 MHz /2500-2690 MHz	≥ 14 dB
Power rating	10 W
IM – value	
3rd order @ 2 x 33dBm	≤ -130 dBc
Degree of protection	IP 65
Environmental conditions	ETSI EN 300019-1-1 Class 1.2 ETSI EN 300019-1-2 Class 2.3 ETSI EN 300019-1-4 Class 4.1E
Attention of conformity	conform to R&TTE 1999/5/EG
Weight	3.6 kg
Wall / Mast mounting	Part of delivery
Temperature range	-25 °C – +55 °C

Dimensions:



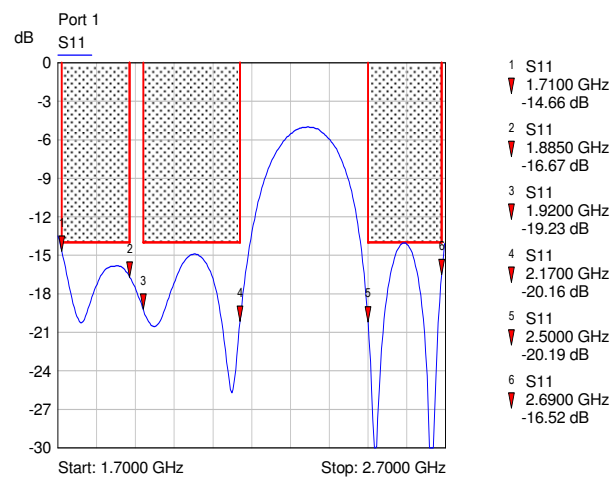
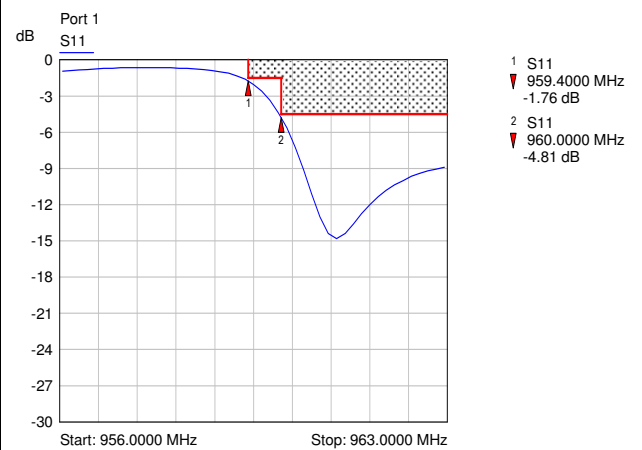
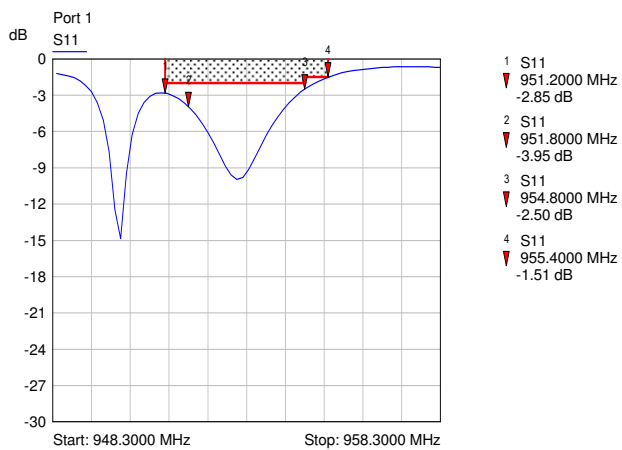
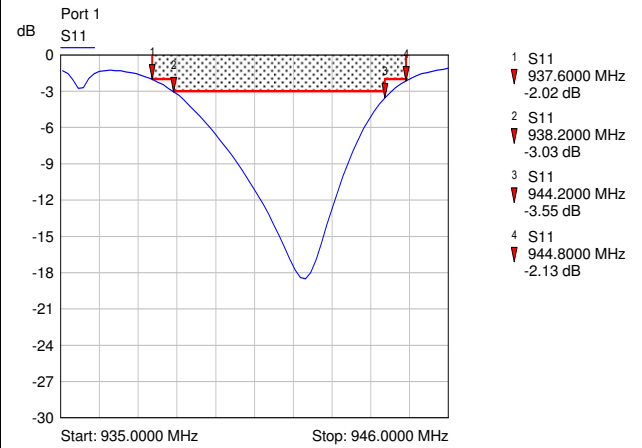
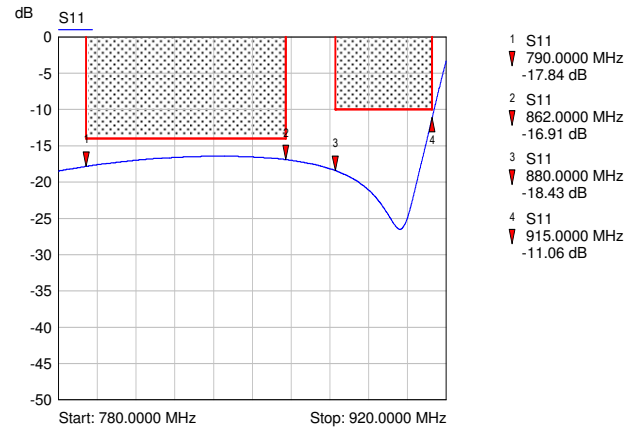
Standard:

7-16 female (50 ohms) : EN 122190, IEC 61169-4

modifications reserved

Measurements:

Return loss:



Insertion loss:

