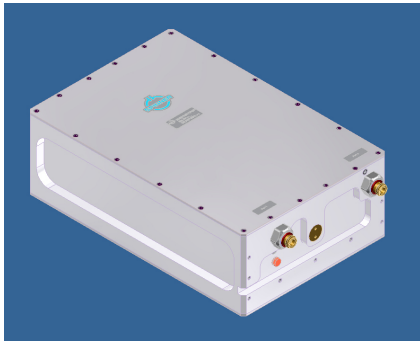
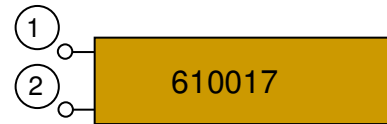


### GSM-R Bandstop Filter



not binding

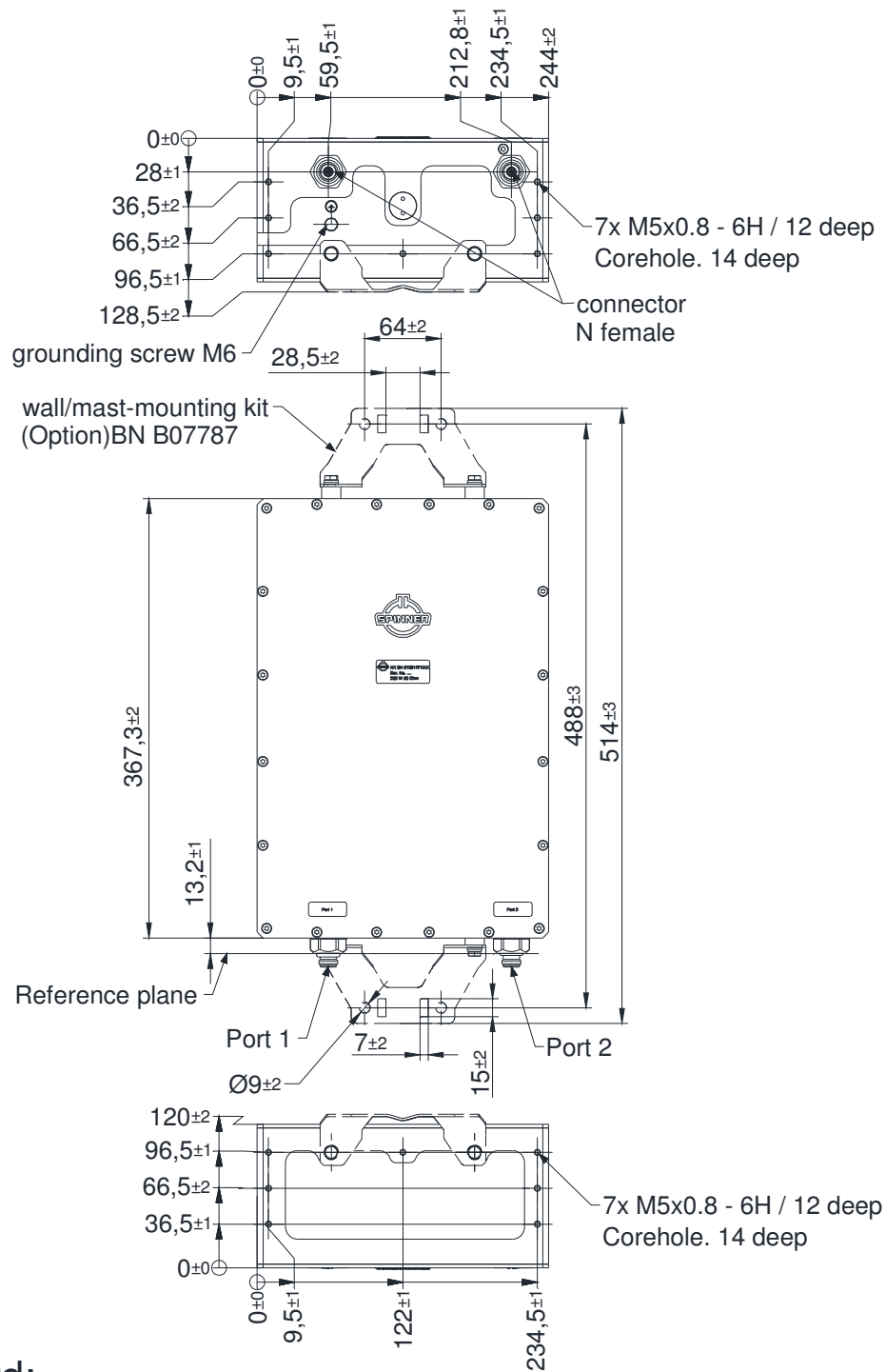


block diagram

Part number	BN 610017
Connectors	N socket (50 Ohms)
Frequency range	
Passband	791.0-821.0 MHz / 832.0-862.0 MHz / 880.9-915.0 MHz / 925.9-960.0 MHz / 1710-1880 MHz / 1920-2170 MHz / 2500-2690 MHz
Stopband	873.1-880.1 MHz / 918.1-925.1 MHz
Insertion loss	
Passband	
791.0-821.0 MHz / 832.0-862.0 MHz	≤ 1.0 dB
880.9-883.5 MHz	≤ 8.0 dB
883.5-914 MHz	≤ 1.0 dB
914-915 MHz	≤ 1.8 dB
925.9-928.5 MHz	≤ 8.0 dB
928.5-960 MHz	≤ 1.0 dB
1710-1880 MHz / 1920-2170 MHz / 2500-2690 MHz	≤ 1.0 dB
Stopband	
873.1-880.1 MHz / 918.1-925.1 MHz	≥ 44dB
Return loss (Port 1)	
791.0-821.0 MHz / 832.0-862.0 MHz	≥ 14 dB
880.9-882.0 MHz / 914-915 MHz	≥ 7.0 dB
882.0-914.0 MHz / 925.9-960.0 MHz	≥ 14 dB
1710-1880 MHz / 1920-2170 MHz / 2500-2690 MHz	≥ 18 dB
Power rating	200 W

Test voltage	500V
IM – value 3rd order @ 2 x 20 W	≤ -150 dBc   typical: ≤ -160 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
Weight	15 kg
Paint color	gray
Wall / Mast mounting	to be ordered separately under B07787
Temperature range	-25 °C – +85 °C

Dimensions:



**Standard:**

N female (50 ohms): CECC 22210, IEC 61169-16

modifications reserved

Measurements:

