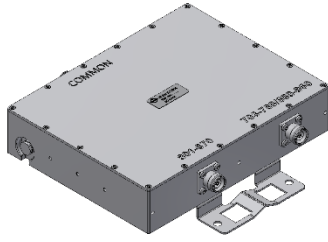
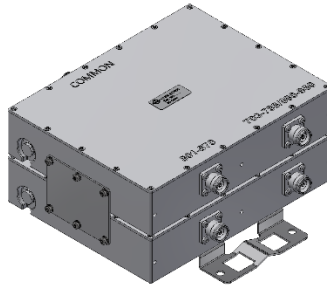


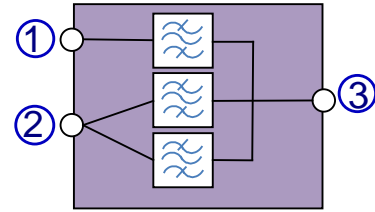
Diplexer 801-870 / 703-788 & 880-960 MHz



Single Unit



Double Unit



Block diagram

Electrical characteristics

Part number	BN 570804	BN 570805
Version	Single	Double
Frequency range	801-870 MHz 703-788 MHz / 880-960 MHz	
Port 1 Port 2		
Insertion Loss	≤ 0.6 dB	
Isolation Port 1 ↔ Port 2	≥ 50 dB	
VSWR	≤ 1.25	
DC by-pass	N/A	
Passive intermodulation (IM3), 3rd order @ 2 x 20 W	≤ -155 dBc	
Impedance	50 Ohm	
Power Rating	160 W (CW) max. per input port	

Mechanical characteristics

Connectors	4.3 - 10 female	
Dimensions, approx. (Excluding connector and mounting kit)	266 x 57 x 209 mm (Width x Height x Depth)	266 x 117 x 209 mm (Width x Height x Depth)
Weight, approx.	6 kg	12 kg
Color	Grey (RAL 7047)	
Wall / Mast mounting	Part of delivery	

Environmental conditions

Class. of 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
Degree of protection	IP 65 (Outdoor)
Operation Ambient temperature range	-40 °C to +45 °C
Storage Ambient temperature range	-40 °C to +85 °C
Relative humidity, max.	95% (non-condensing)

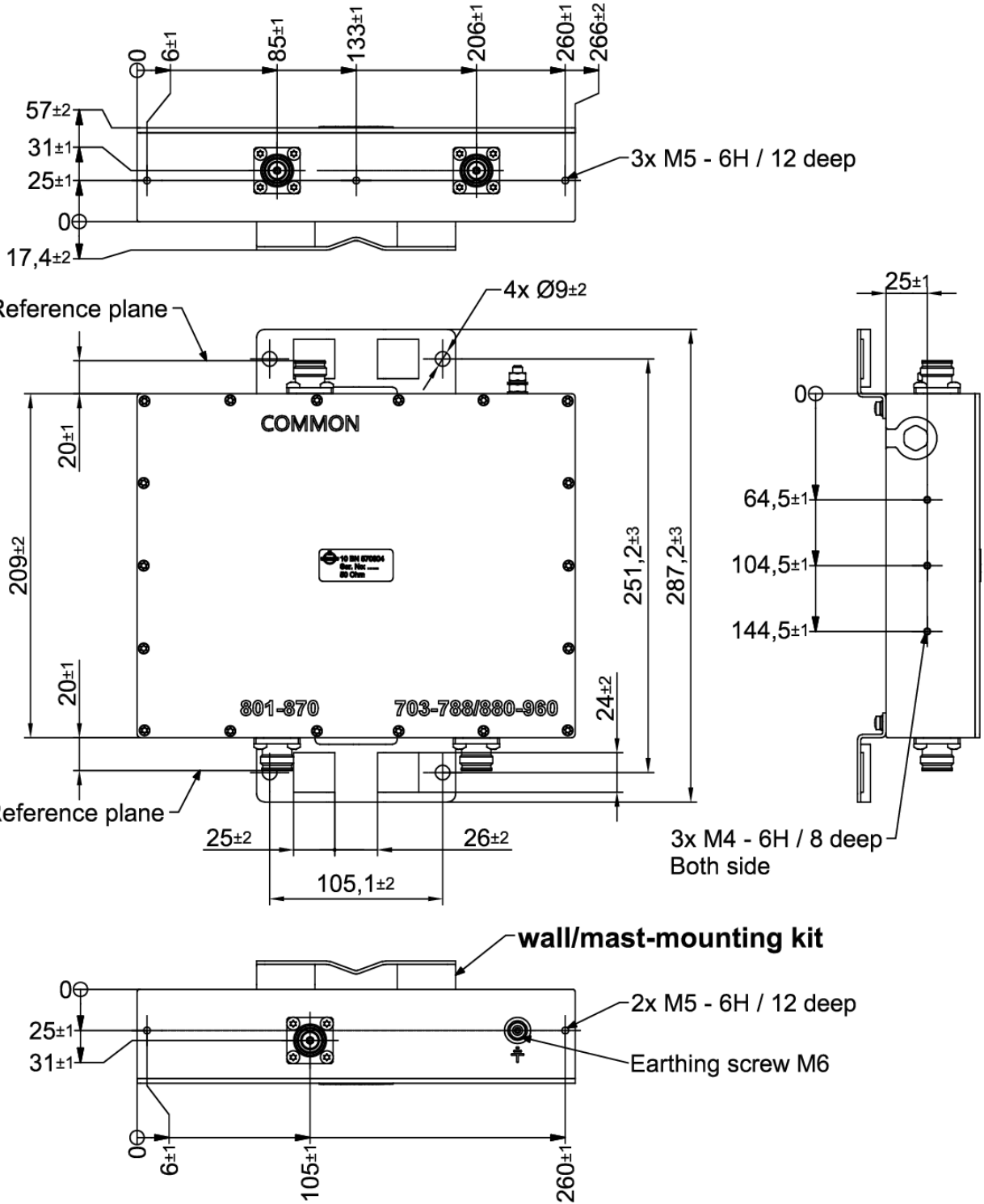
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Template TD-00002Y

Diplexer 801-870 / 703-788 & 880-960 MHz

Outline (all dimensions in millimeter)

BN 570804



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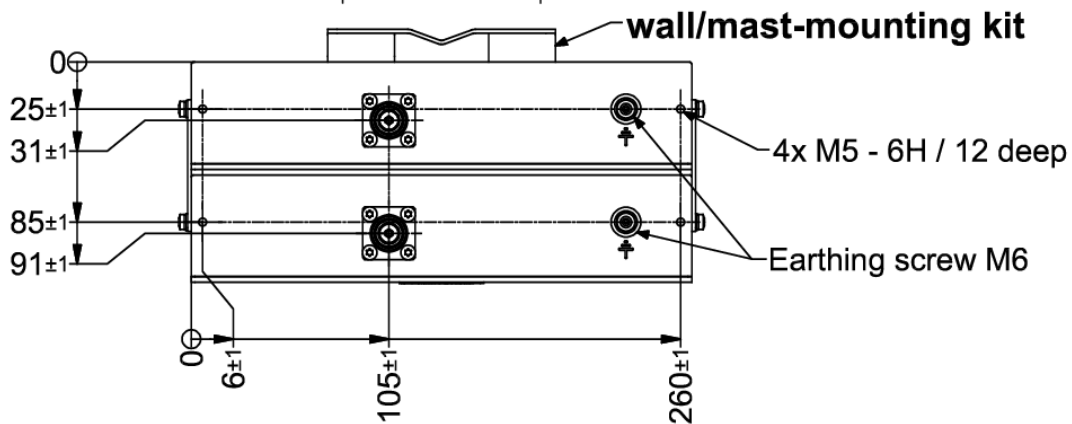
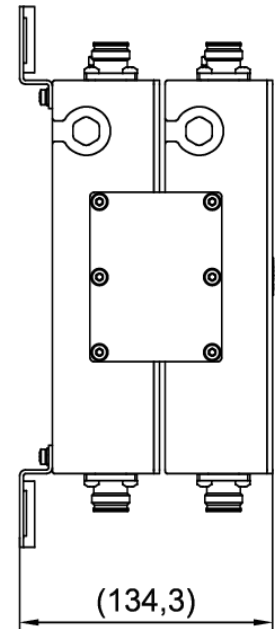
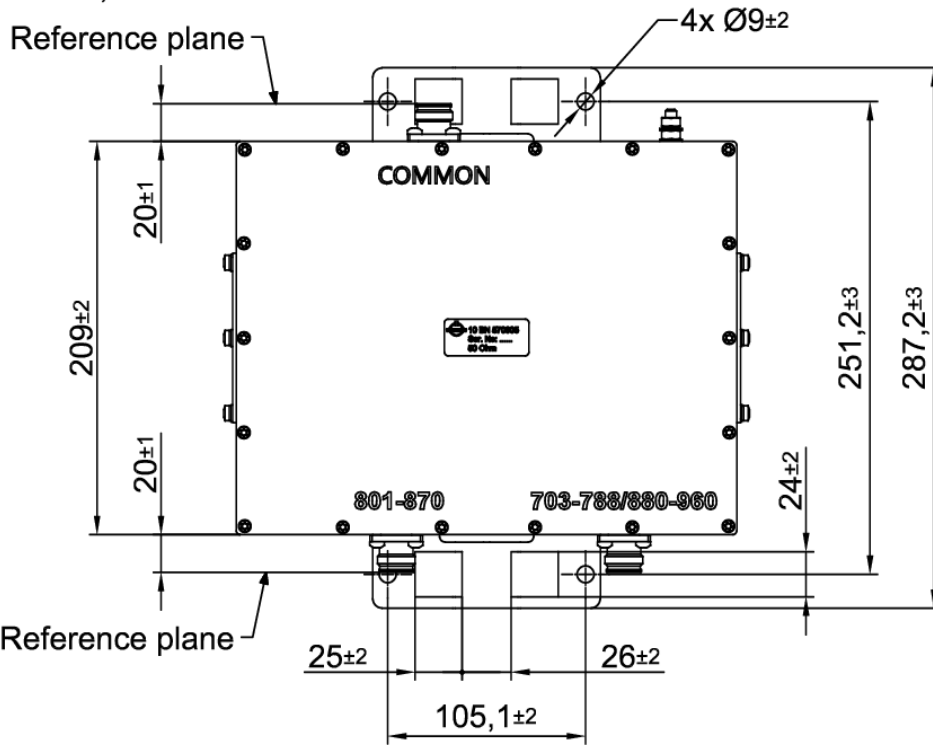
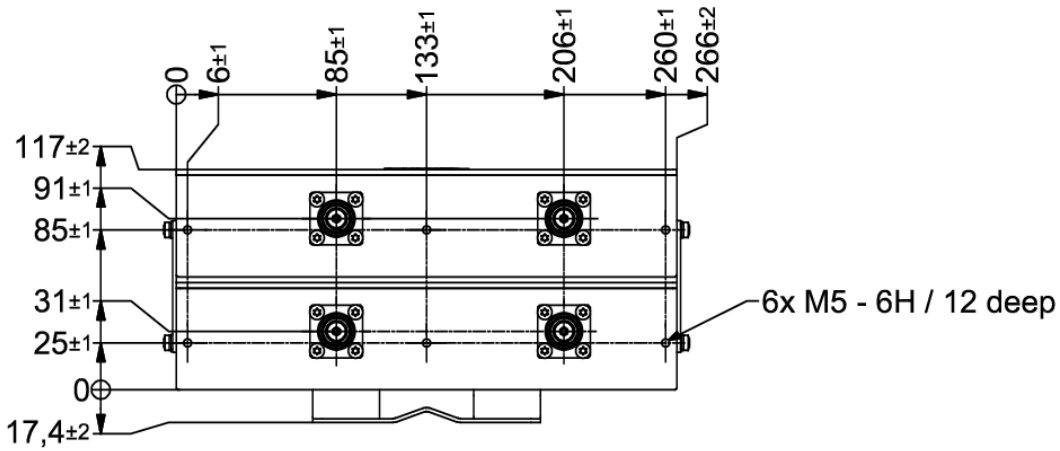
Template TD-00002Y

Standard:
4.3-10 female (50 ohms): IEC 61169-54

modifications reserve

Diplexer 801-870 / 703-788 & 880-960 MHz

BN 570805



Standard:
4.3-10 female (50 ohms): IEC 61169-54

modifications reserved!

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