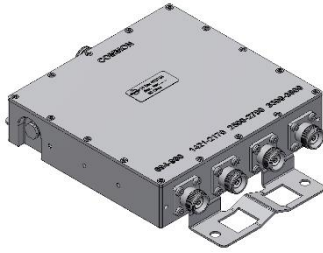
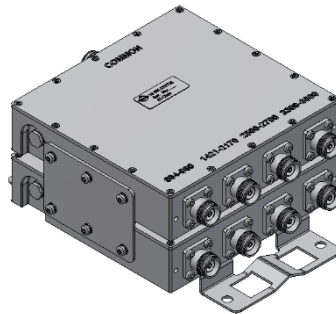


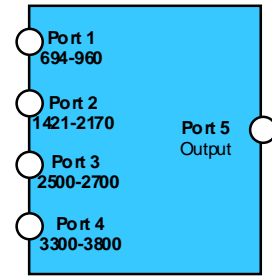
Quadruplexer 694-960/1421-2170/2500-2700/3300-3800MHz



Single Unit



Double Unit



block diagram

Electrical characteristics

Part number	BN 570794	BN 570795
Version	Single	Double
Frequency range Port 1 Port 2 Port 3 Port 4	694 – 960 MHz 1421 – 2170 MHz 2500 – 2700 MHz 3300 – 3800 MHz	
Insertion loss	≤ 0.5 dB	
VSWR	≤ 1.25	
Isolation	≥ 50 dB	
DC-by-pass	N/A	
Passive intermodulation (IM3), 3rd order @ 2 x 20W	≤ -155 dBc @ 694 – 2700 MHz	
Impedance	50 Ohm	
Power Rating	300 W (CW) max. per input port	

Mechanical characteristics

Connectors	4.3-10 female	
Dimensions, approx. (Excluding brackets and connectors)	190 x 180 x 45 mm (Width x Height x Depth)	190 x 180 x 95 mm (Width x Height x Depth)
Weight, approx.	3.5 kg	7 kg
Colour	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	-25 °C to +55 °C
Storage Ambient temperature range	-40 °C to +85 °C
Relative humidity, max.	95% (non-condensing)

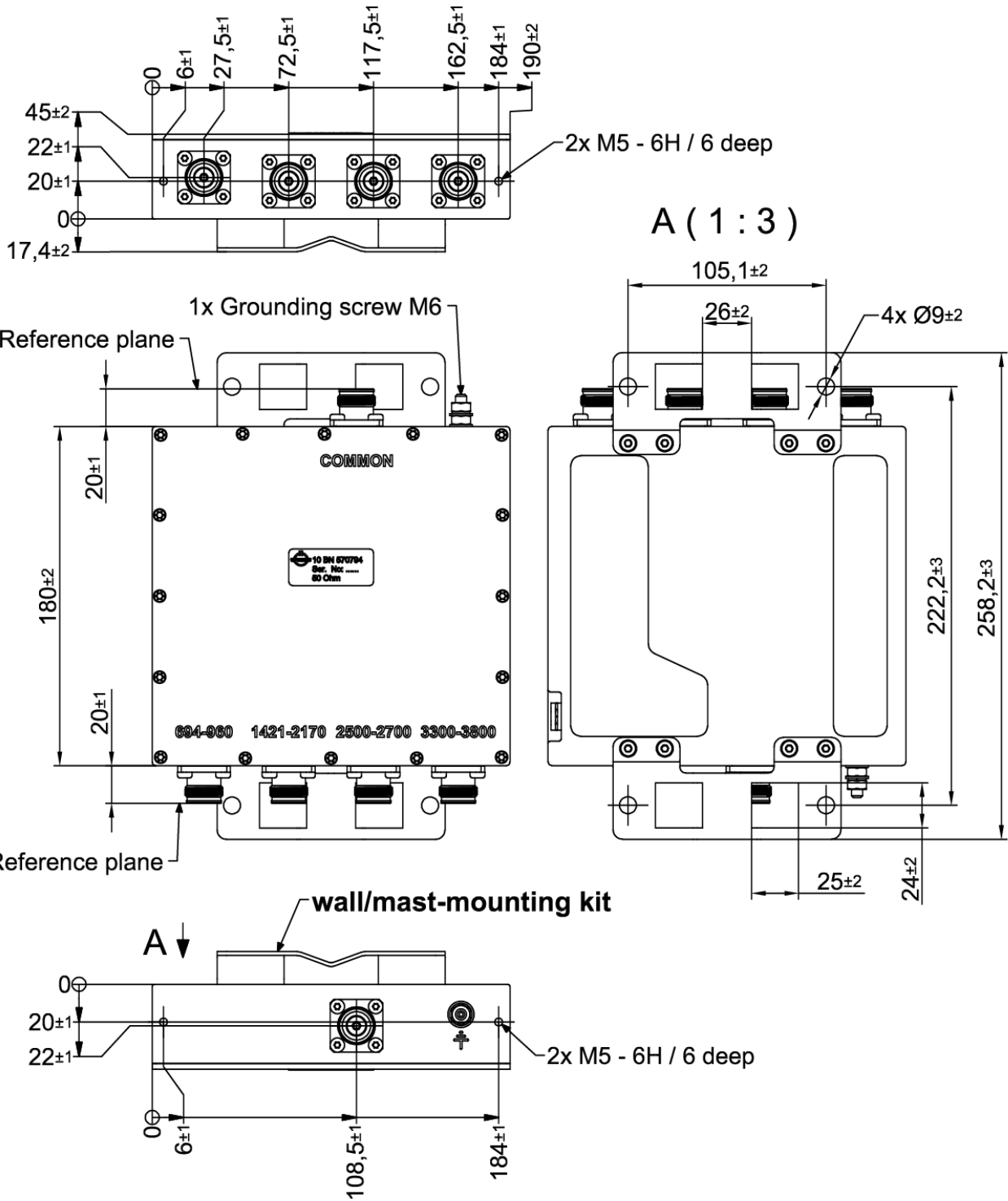
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Template TD-00002Y

Quadruplexer 694-960/1421-2170/2500-2700/3300-3800MHz

Outline (all dimensions in millimetre)

570794



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

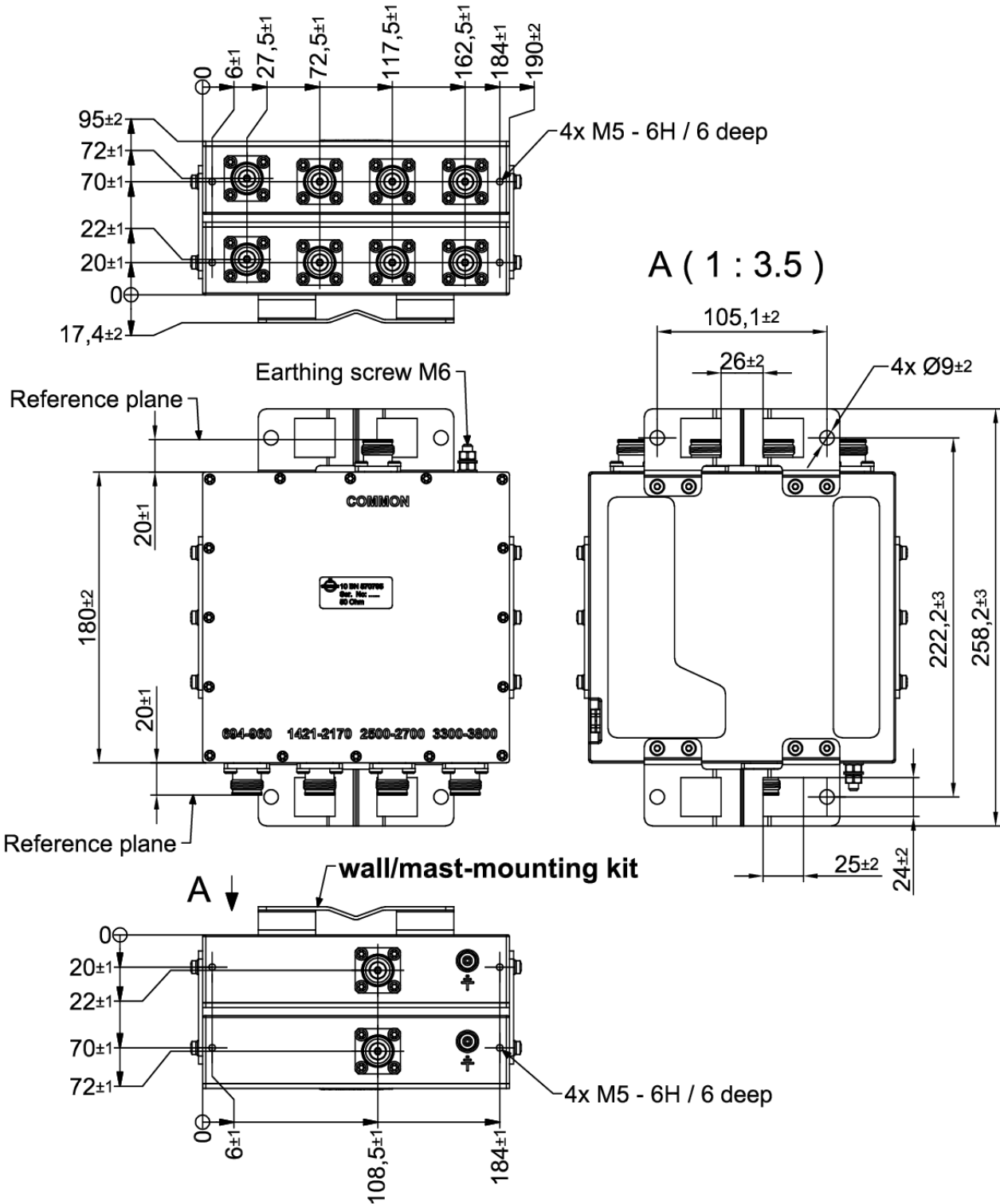
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Quadruplexer 694-960/1421-2170/2500-2700/3300-3800MHz

570795



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

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