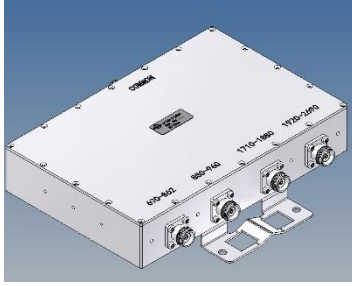
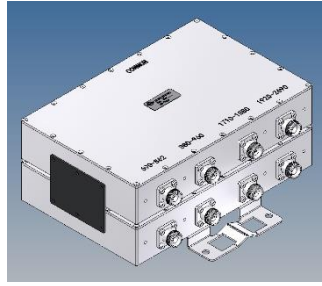


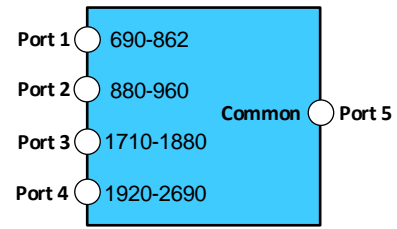
Quadruplexer 700-800/900/1800/2100-2600



Single Unit



Double Unit



Block diagram

Electrical characteristics

Part number	BN 572697	BN 570760
Version	single	double
Frequency range	Port 1 690 – 862 MHz (700-800) Port 2 880 – 960 MHz (900) Port 3 1710 – 1880 MHz (1800) Port 4 1920 – 2690 MHz (2100-2600)	
Insertion loss	Port 1,2 <-> Port 5 ≤ 0.45 dB Port 3,4 <-> Port 5 ≤ 0.35 dB	
VSWR	≤ 1.25	
Isolation	≥ 40 dB	
Impedance	50 Ohm	
Passive intermodulation (IM3), 3rd order @ 2 x 20W	≤ -155 dBc @ Band 800 ≤ -160 dBc @ all other Bands	
DC/AISG transparency	By-pass (max. 2500 mA)	
Lightning protection	3kA 10/350 µs pulse	
Power Rating	Port 1/2/3 ≤ 200 W (CW) Port 4 ≤ 100 W (CW)	

Mechanical characteristics

Connectors	4.3-10 female	
Dimensions, approx. (Excluding brackets and connectors)	295 x 273 x 74 mm (Width x Depth x Height)	295 x 273 x 134 mm (Width x Depth x Height)
Weight, approx.	5.5 kg	11 kg
Color	Gray (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
Operation Ambient temperature range	-40 °C to +65 °C
Storage Ambient temperature range	-40 °C to +85 °C
Relative humidity, max.	95% (non-condensing)

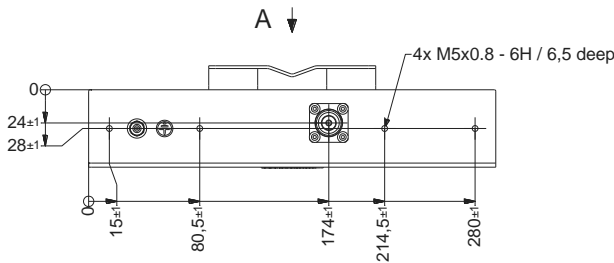
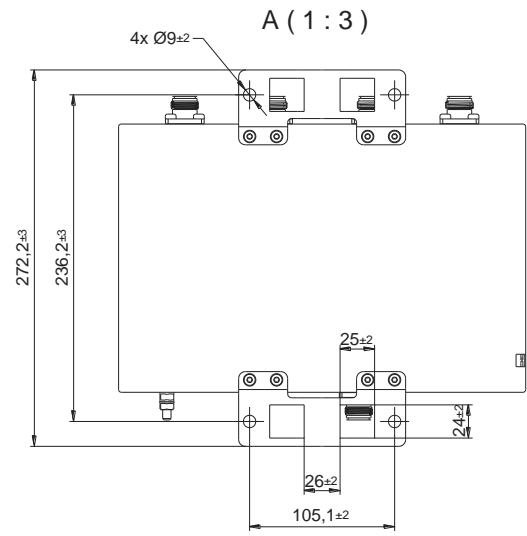
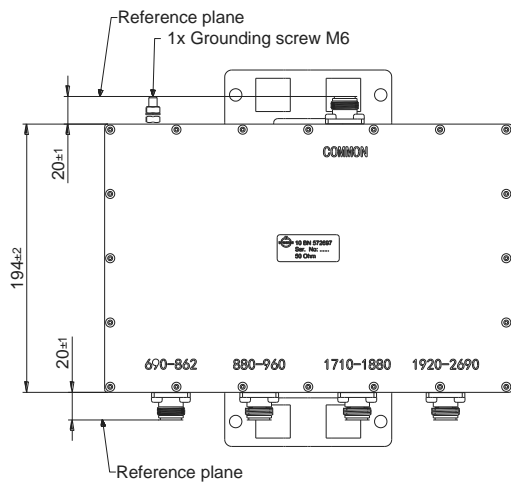
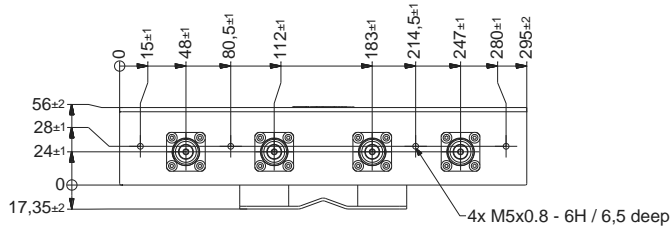
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Template TD-00002Y

Quadruplexer 700-800/900/1800/2100-2600

Outline (all dimensions in millimeter)

BN 572697



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

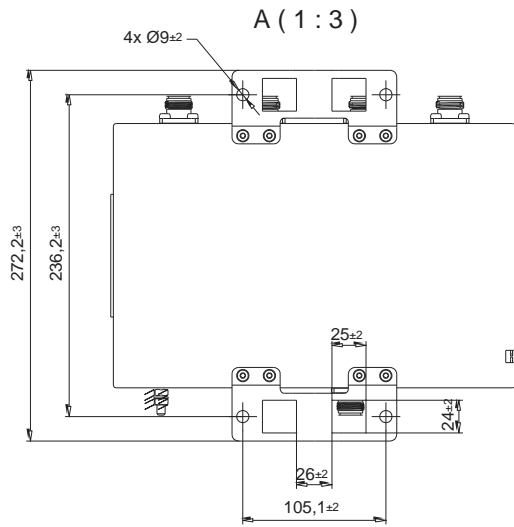
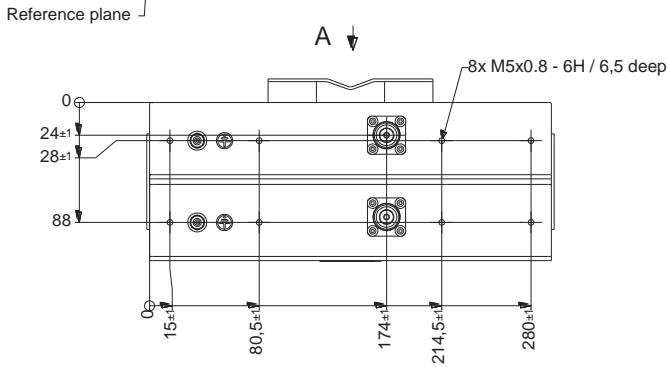
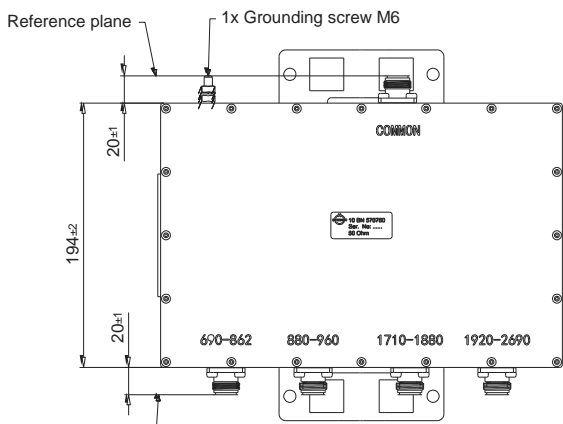
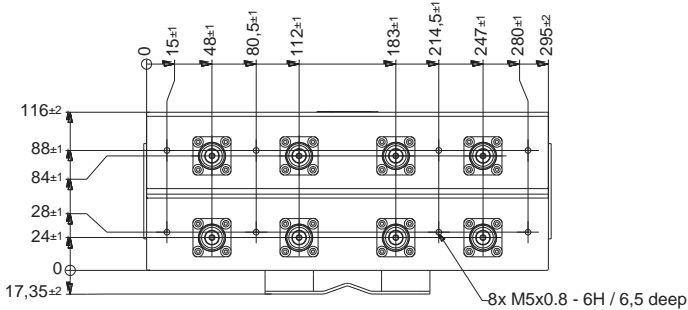
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Quadruplexer 700-800/900/1800/2100-2600

BN 570760



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

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