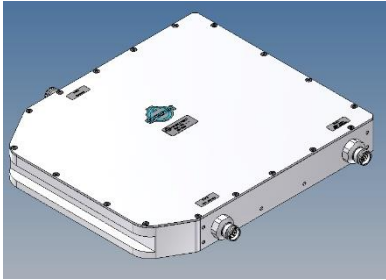
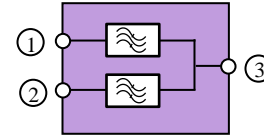


Diplexer 2500 – 2570 & 2620 – 2690 MHz / 2575 - 2615 MHz



Picture not binding



block diagram

Electrical characteristics

Part number	BN 570761	
Frequency range Port 1 Port 2	2500 - 2570 & 2620 - 2690 MHz 2575 - 2615 MHz	
Insertion loss	@ -40°C to +30°C	≤ 0.9 dB (@2500 – 2565 MHz) / ≤ 1.8 dB (@2565 – 2570 MHz) ≤ 0.9 dB (@2625 – 2690 MHz) / ≤ 1.8 dB (@2620 – 2625 MHz) ≤ 0.9 dB (@2580 – 2610 MHz) / ≤ 1.8 dB (@2575 – 2580 MHz & 2610 – 2615 MHz)
	@ +30°C to +55°C	≤ 0.9 dB (@2500 – 2565 MHz) / ≤ 2.1 dB (@2565 – 2570 MHz) ≤ 0.9 dB (@2625 – 2690 MHz) / ≤ 1.8 dB (@2620 – 2625 MHz) ≤ 0.9 dB (@2580 – 2610 MHz) / ≤ 2.1 dB (@2575 – 2580 MHz & 2610 – 2615 MHz)
VSWR	≤ 1.25	
Isolation	≥ 66 dB typ. ≥ 60 dB min	
Passive intermodulation (IM3), 3rd order @ 2 x 20W	≤ -155 dBc N/A @ 2600 TDD (2575-2615 MHz)	
Impedance	50 Ohm	
Power Rating	100 W (CW) max. per input port	

Mechanical characteristics

Connectors	4.3-10 female
Dimensions, approx. (without connectors and mounting kit)	372 mm x 316 mm x 49.5 mm (Width x Height x Depth) (Suitable for Modular Combiner Design)
Weight, approx.	8.5 kg
Color	Grey (RAL 7047)
Wall / Mast mounting	to be ordered separately under BN B16603 (optional)

Environmental conditions

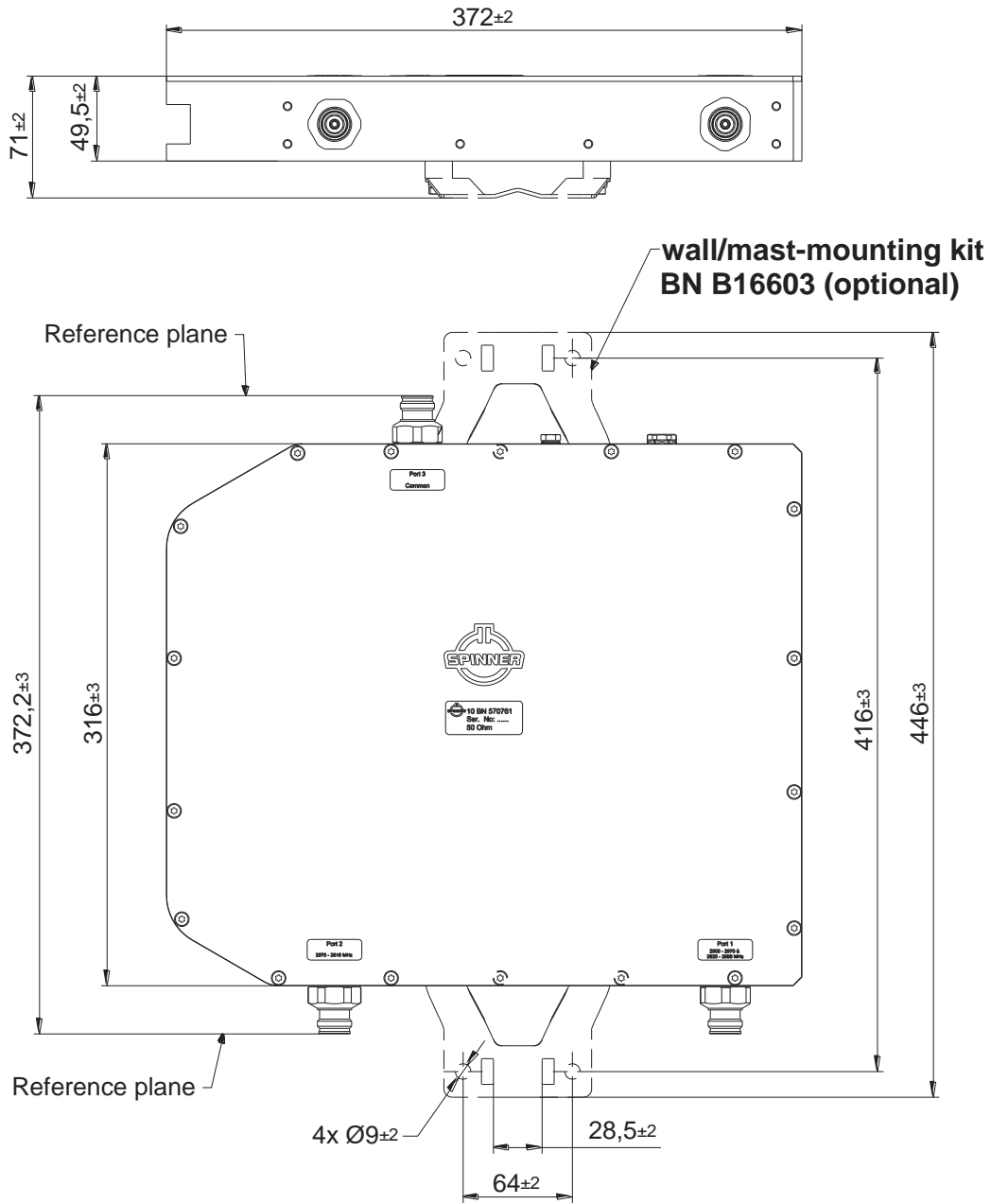
Class. of environmental conditions	ETSI EN 300019-1-1 Class 1.2 ETSI EN 300019-1-2 Class 2.3 ETSI EN 300019-1-4 Class 4.1E
Degree of protection	IP 65 (Outdoor)
Operation Ambient temperature range	-40 °C to +55 °C
Storage Ambient temperature range	-40 °C to +85 °C
Relative humidity, max.	95% (non-condensing)

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Diplexer 2500 – 2570 & 2620 – 2690 MHz / 2575 - 2615 MHz

Outline (all dimensions in millimeter)



Standard:

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

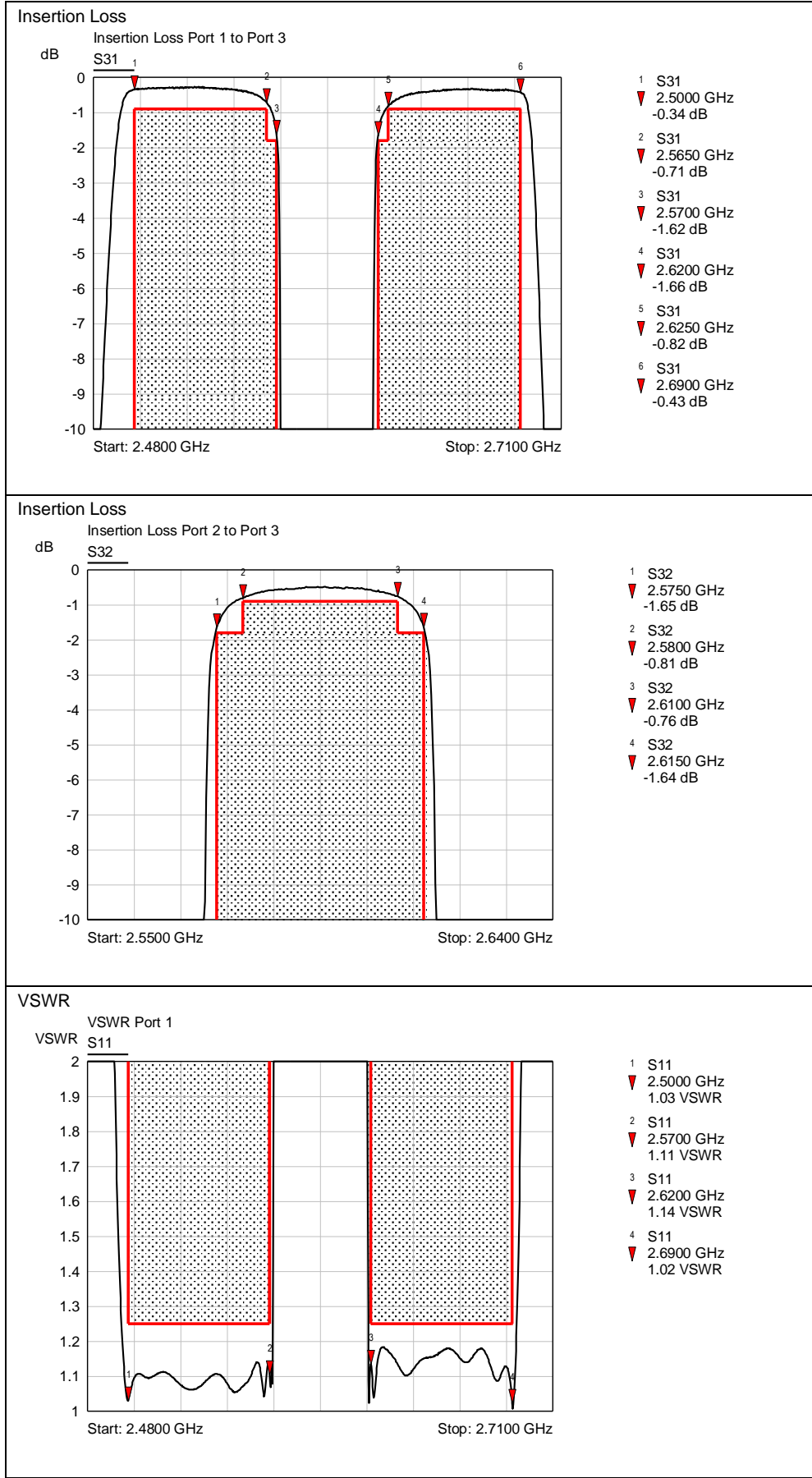
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Diplexer 2500 – 2570 & 2620 – 2690 MHz / 2575 - 2615 MHz

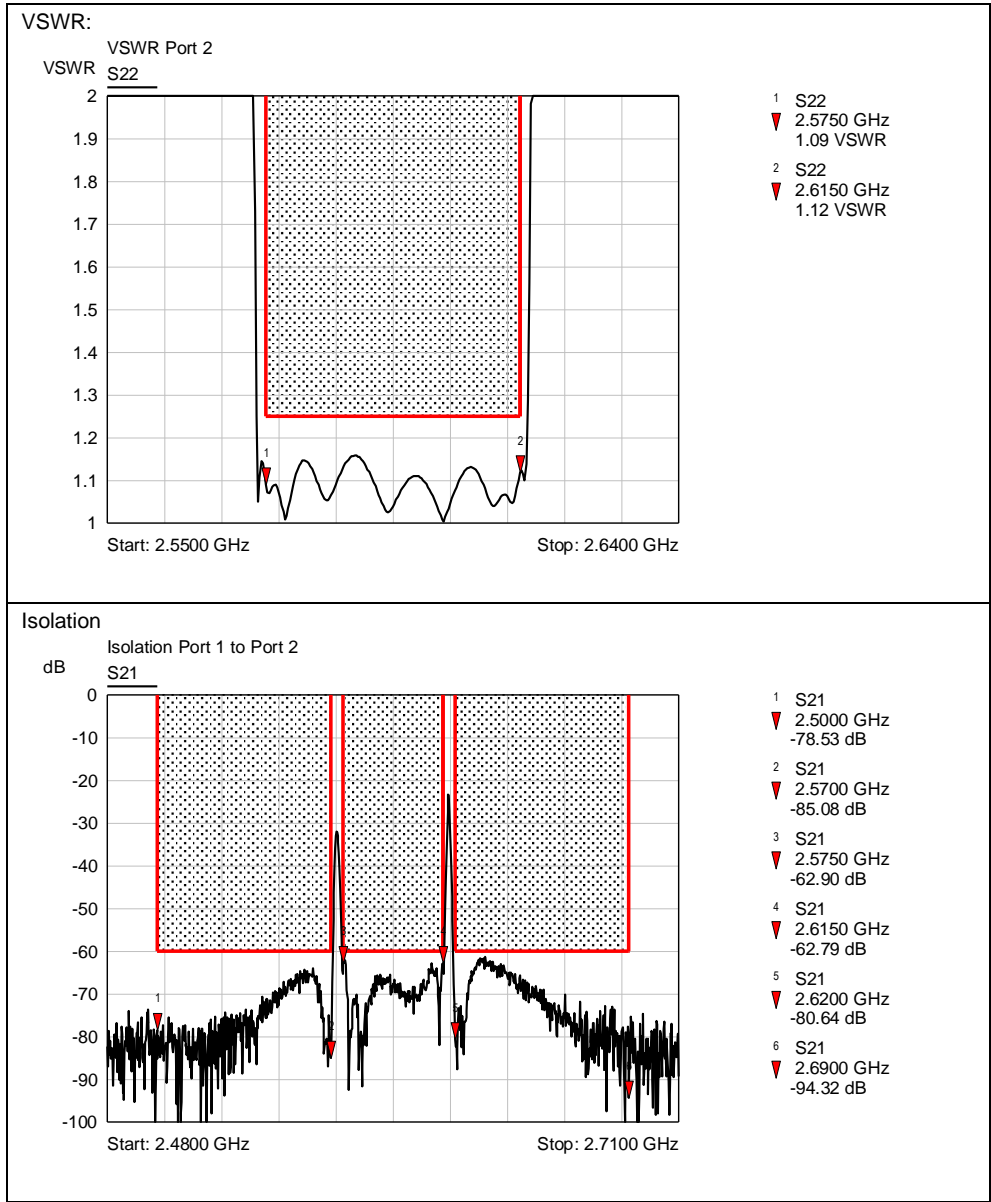
Measurement:



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Diplexer 2500 – 2570 & 2620 – 2690 MHz / 2575 - 2615 MHz



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