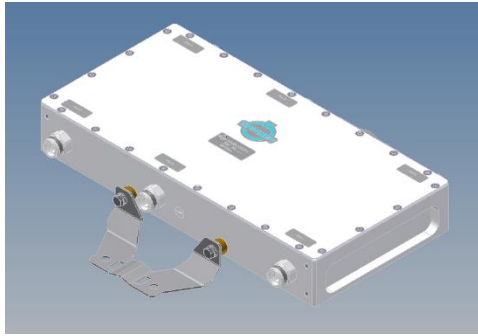
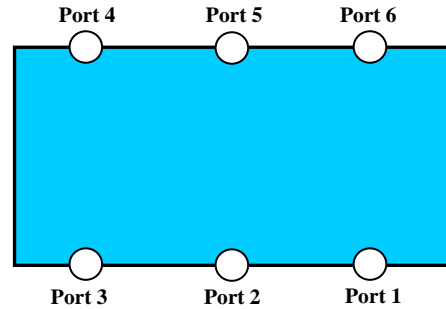


3:3 COMBINER 380-3800 MHz Compact Version



Picture not binding



block diagram

Electrical characteristics

Part number	BN 570754
Insertion loss (including nominal 4.8 dB splitting losses)	5.0 dB ± 1.2 dB
Frequency range	380 – 3800 MHz
Isolation	≥ 28 dB typ. 30 dB
Impedance	50 Ohm
Special feature	DC path Port 1 → Port 6, Port 2 → Port 4, Port 3 → Port 5 (max. 6.5 A AISG2 conform)
Test voltage	500 V
Passive intermodulation (IM3), 3rd order @ 2 x 20W	-160 dBc max. / -165 dBc typ.
VSWR	≤ 1.25
Power Rating	500W (CW) max. per port

Mechanical characteristics

Connectors Port 1 – 3 Port 4 – 6	4.3-10 female Input ports Output ports
Dimensions, approx.	365 x 331 x 77 mm (Width x Height x Depth)
Weight, approx.	6.6 kg
Wall / Mast mounting	Part of delivery

Environmental conditions

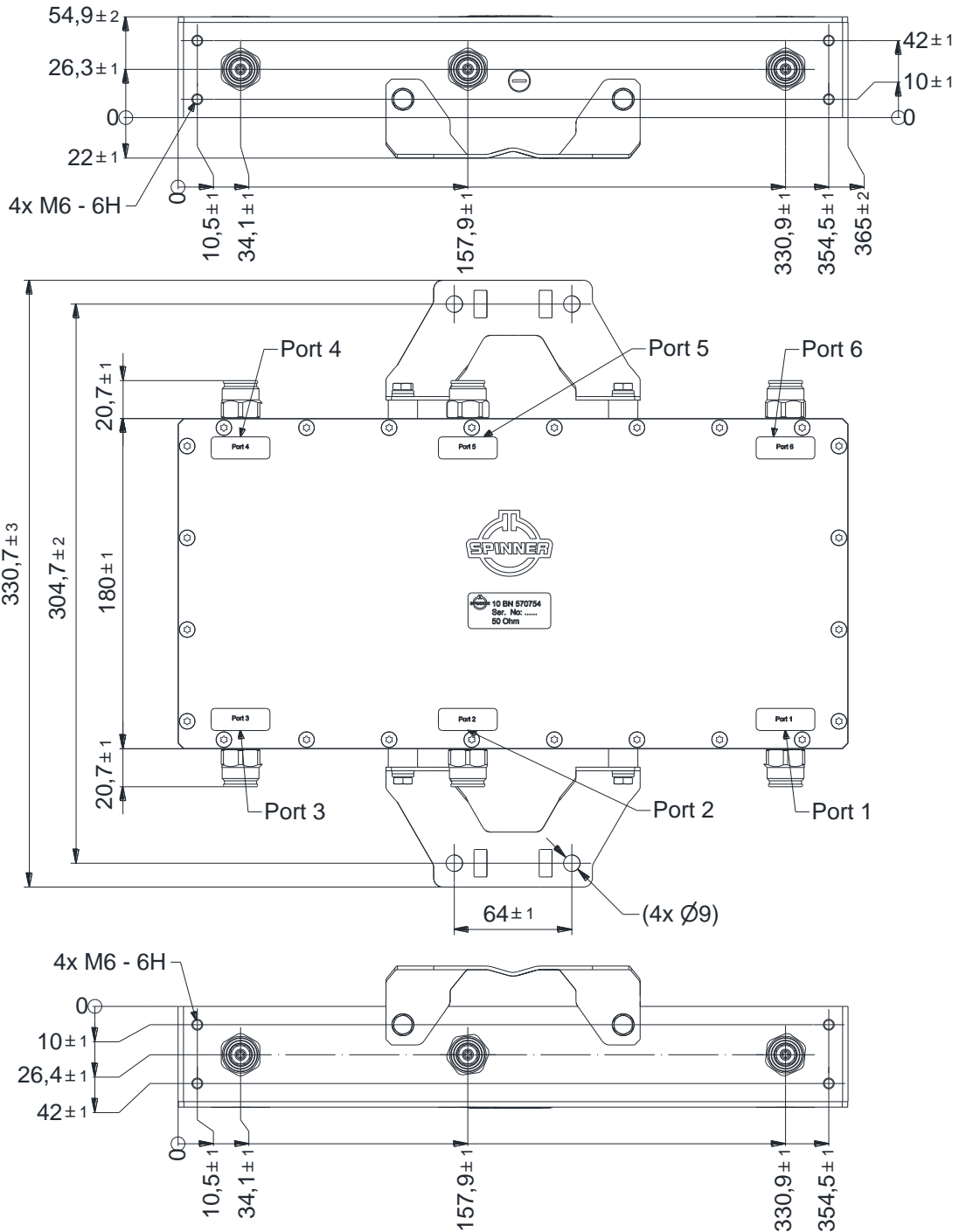
Class. of environmental conditions	ETSI EN 300019-1-1 Class 1.2 ETSI EN 300019-1-2 Class 2.3 ETSI EN 300019-1-4 Class 4.1E
Degree of protection	IP 65 (Outdoor)
Operation Ambient temperature range	-40 °C to +55 °C
Storage Ambient temperature range	-40 °C to +85 °C
Relative humidity, max.	95% (non-condensing)

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3:3 COMBINER 380-3800 MHz Compact Version

Outline (all dimensions in millimeter)



Standard:

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

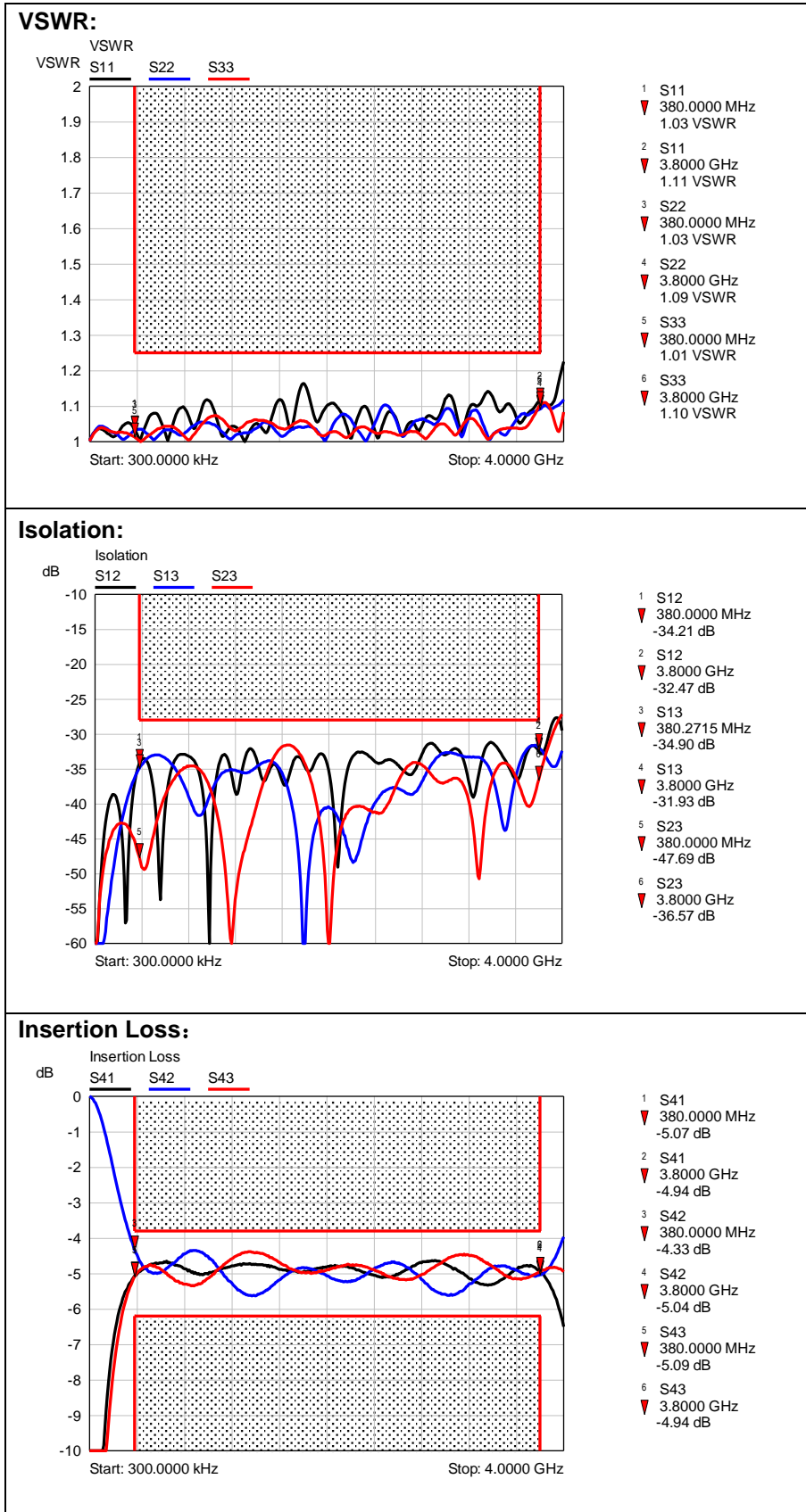
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Measurements:



— typical for: S11

— typical for: S22

— typical for: S33

— typical for: S12

— typical for: S13

— typical for: S23

— typical for: S41

— typical for: S42

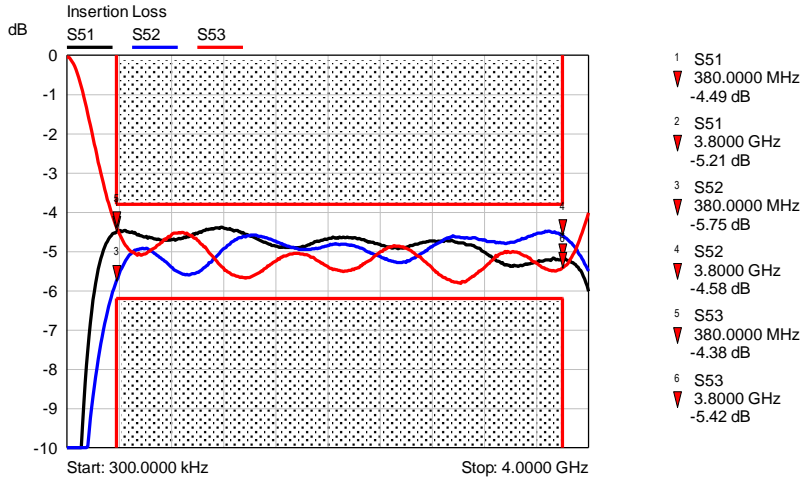
— typical for: S43

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Insertion Loss:

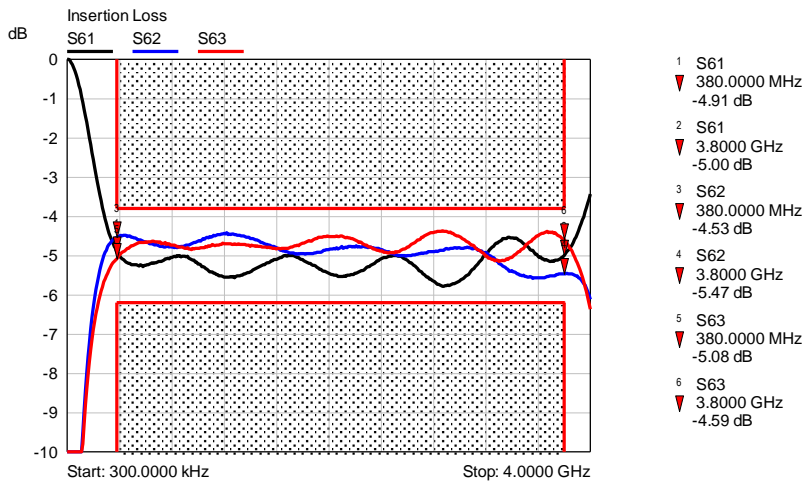


— typical for: S51

— typical for: S52

— typical for: S53

Insertion Loss:



— typical for: S61

— typical for: S62

— typical for: S63

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