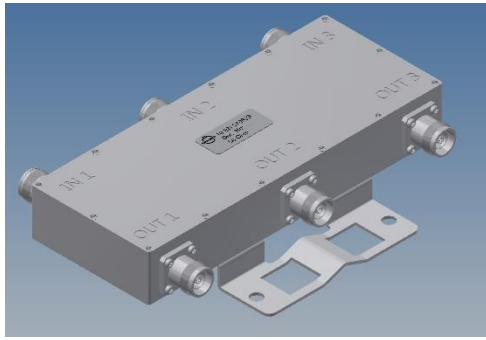
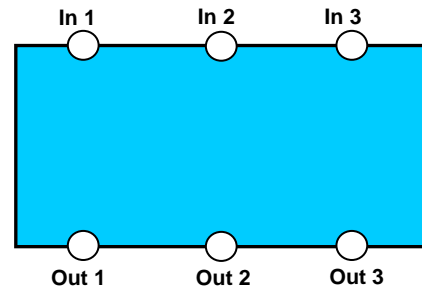


3:3 COMBINER 694-3800 MHz



not binding



Block diagram

Electrical characteristics

Part number	BN 570774
Insertion loss (Including nominal 4.8 dB splitting losses)	5.0 dB ± 1.5 dB
Frequency range	694 – 3800 MHz
Isolation	≥ 23 dB
Impedance	50 Ohm
Special feature	DC path In1 → Out3, In2 → Out2, In3 → Out1 (max. 6.5 A AISG2 conform)
Passive intermodulation (IM3), 3rd order @ 2 x 20W	-155 dBc max. / -160 dBc typ.
VSWR	≤ 1.25
Power Rating	200W (CW) max. per port

Mechanical characteristics

Connectors	4.3-10 female
Dimensions, approx. (Excluding brackets and connectors)	234 x 94 x 36.5 mm (Width x Height x Depth)
Weight, approx.	1.9 kg
Colors	RAL 7047 (nearly)
Wall / Mast mounting	Part of delivery

Environmental conditions

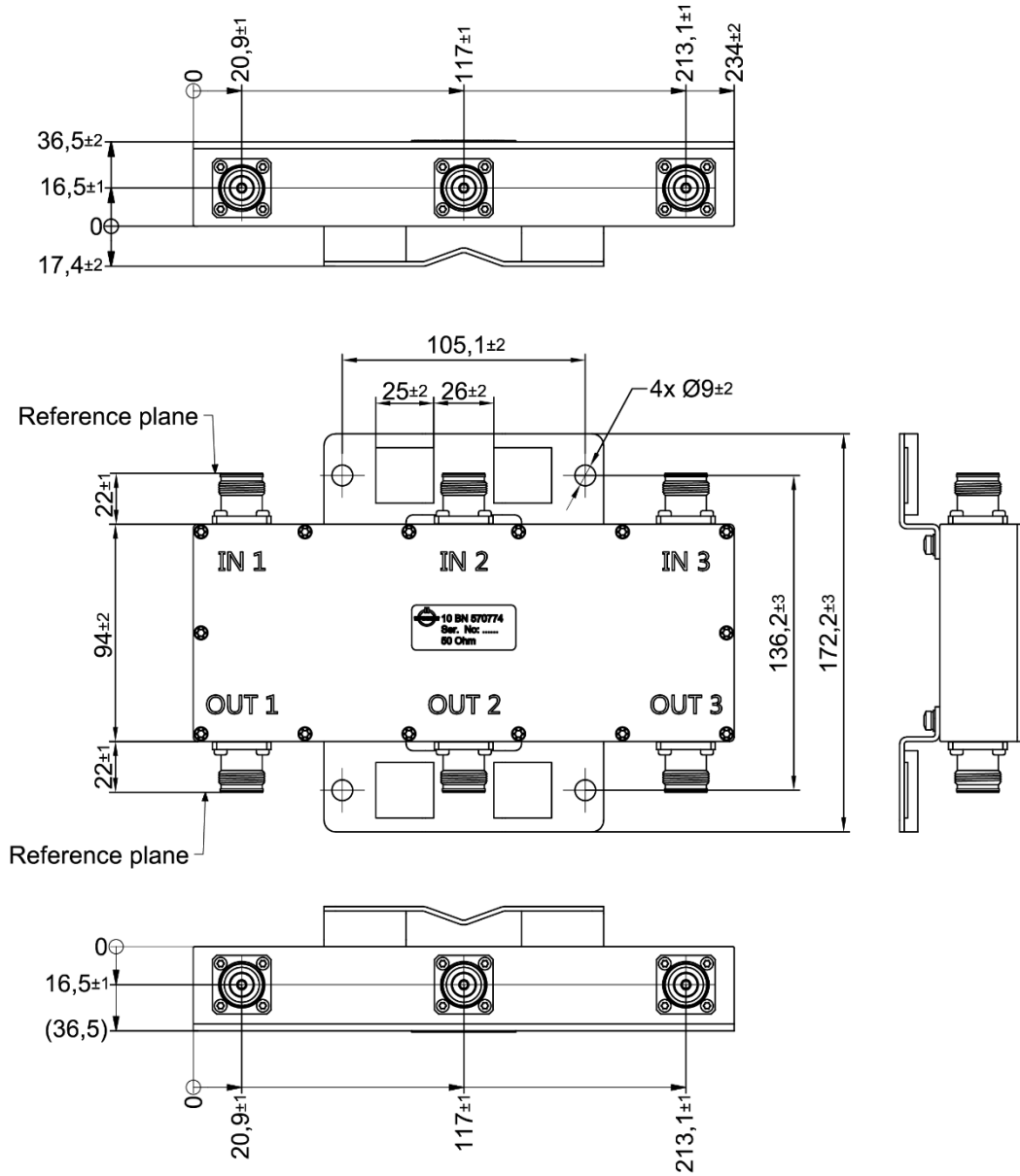
Class. of environmental conditions	ETSI EN 300019-1-1 Class 1.2 ETSI EN 300019-1-2 Class 2.3 ETSI EN 300019-1-4 Class 4.1E
Degree of protection	IP 65 (Outdoor)
Operation Ambient temperature range	-40 °C to +55 °C
Storage Ambient temperature range	-40 °C to +85 °C
Relative humidity, max.	95% (non-condensing)

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3:3 COMBINER 694-3800 MHz

Outline (all dimensions in millimeter)



Standard:

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

Modification reserved

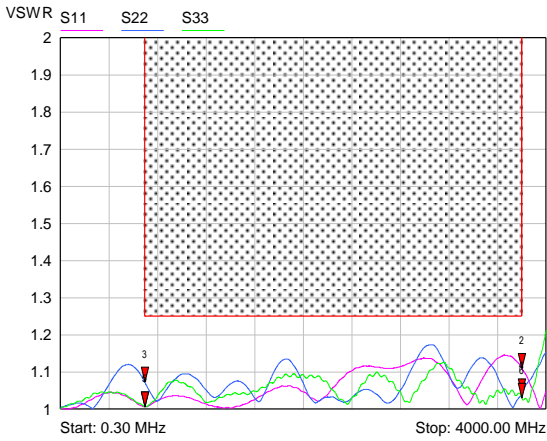
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3:3 COMBINER 694-3800 MHz

Measurement:

VSWR:

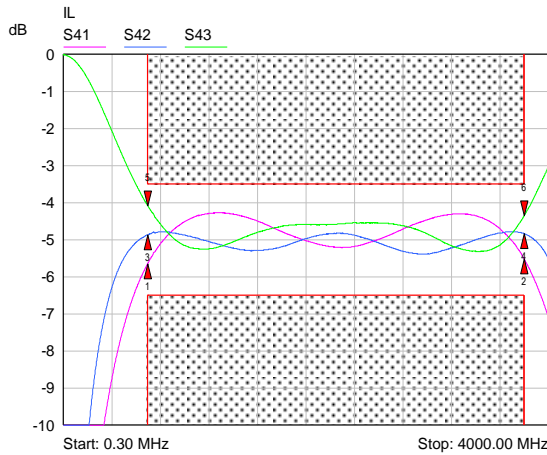


— typical for: S11

— typical for: S22

— typical for: S33

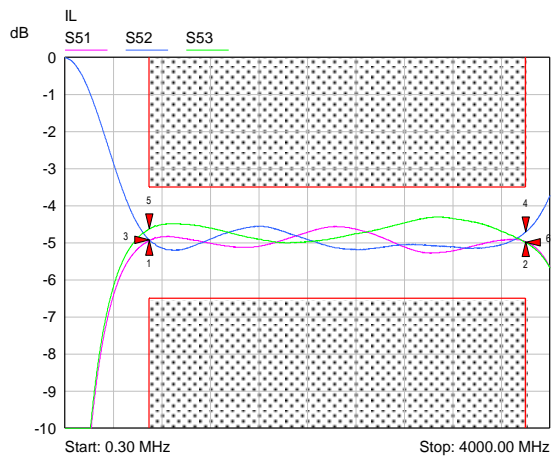
Insertion loss:



— typical for: S41

— typical for: S42

— typical for: S43



— typical for: S51

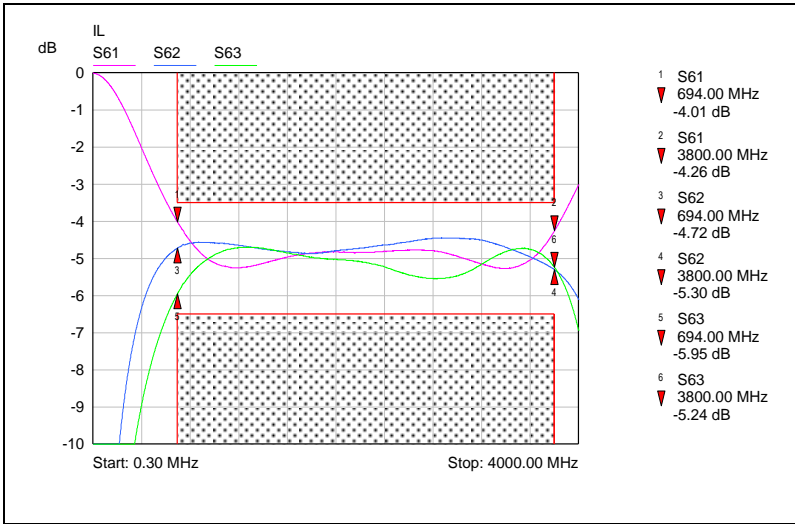
— typical for: S52

— typical for: S53

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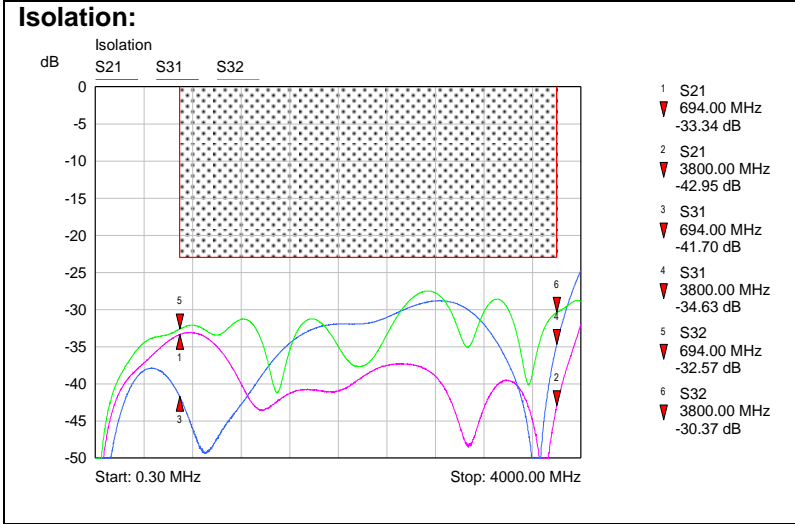
3:3 COMBINER 694-3800 MHz



— typical for: S61

— typical for: S62

— typical for: S63



— typical for: S21

— typical for: S31

— typical for: S32

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