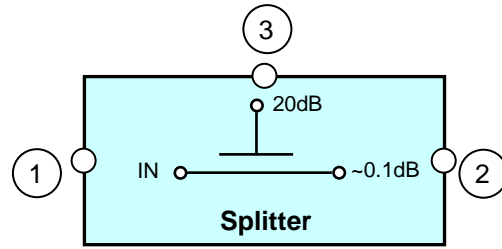


Asymmetric Splitter 20 dB



not binding



block diagram

Electrical characteristics

Part number	BN 818348F001				
Splitting ratio	1 : 0.01 : 0.99				
Frequency range:	88 – 136 MHz	136 – 170 MHz	170 – 380 MHz	380 – 1500 MHz	1.71 – 2.7 GHz
Coupling (Secondary line)	21 dB typ.	20 dB typ.	20 dB -1/+2.5 dB		
Insertion loss:	~ 0.1 dB (Main line)				
VSWR	≤ 1.2 (Port 1, 2) *				
Impedance	50 Ohm				
Passive intermodulation (IM3), 3rd order @ 2 x 20W	-160 dBc max. / -165 dBc typ.				
Power Rating:	500 W CW (5 kW peak / 20µs)				

* According to DIN 14024-1

Mechanical characteristics

Connectors	4.3-10 female
Dimensions, approx.	See drawing
Weight, approx.	0.55 kg
Wall / Mast mounting	to be ordered separately under BN B09499

Environmental conditions

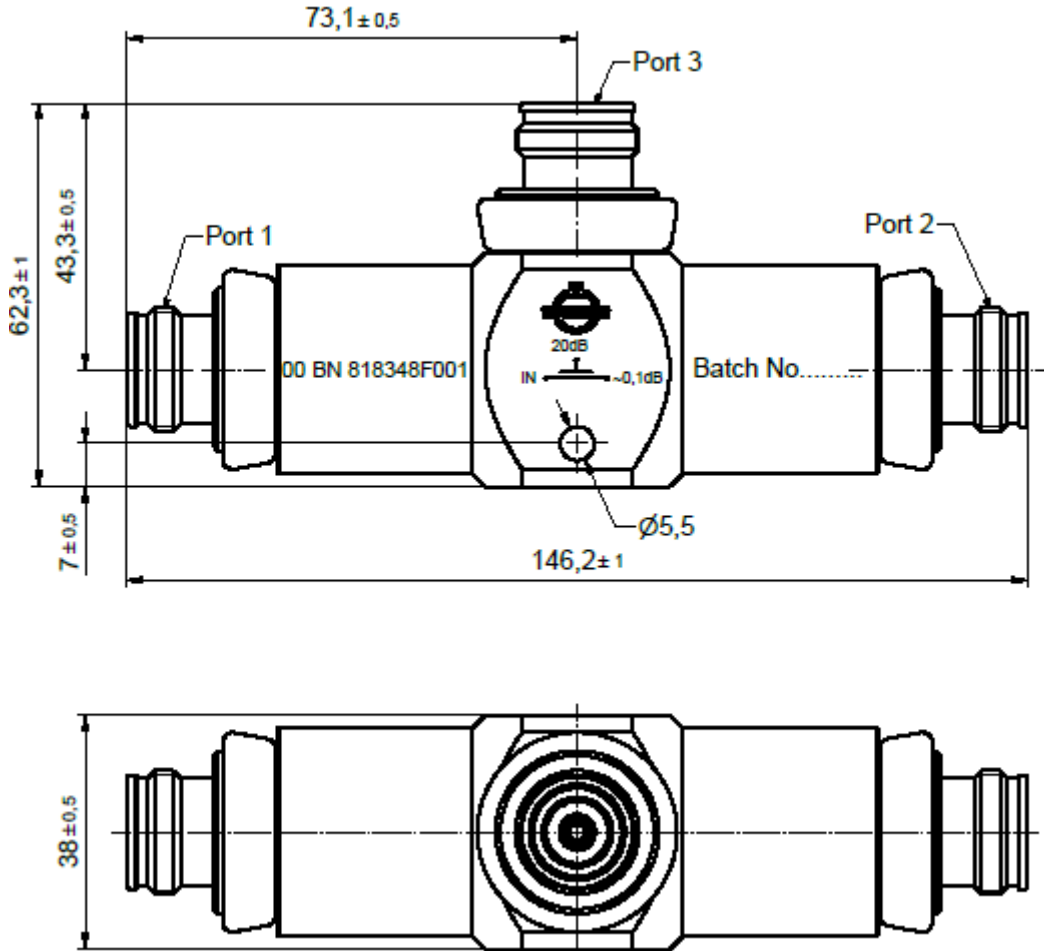
Class. of environmental conditions	ETSI EN 300019-1-1 Class 1.2 ETSI EN 300019-1-2 Class 2.3 ETSI EN 300019-1-4 Class 4.1E
Degree of protection	IP 68 (Outdoor)
Operation Ambient temperature range	-40 °C to +70 °C
Storage Ambient temperature range	-40 °C to +85 °C
Relative humidity, max.	95% (non-condensing)

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Asymmetric Splitter 20 dB

Outline (all dimensions in millimeter)



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Standard:

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

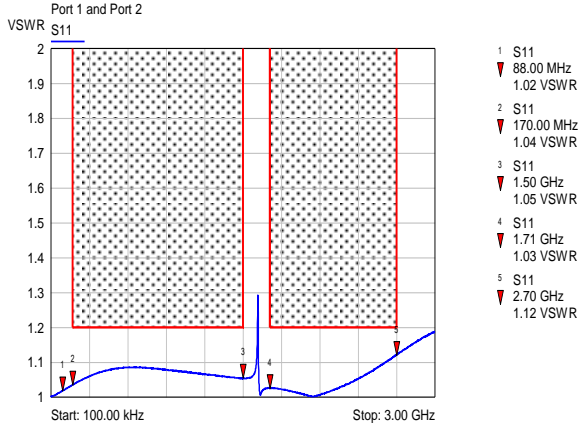
modifications reserved!

Template TD-00002Y

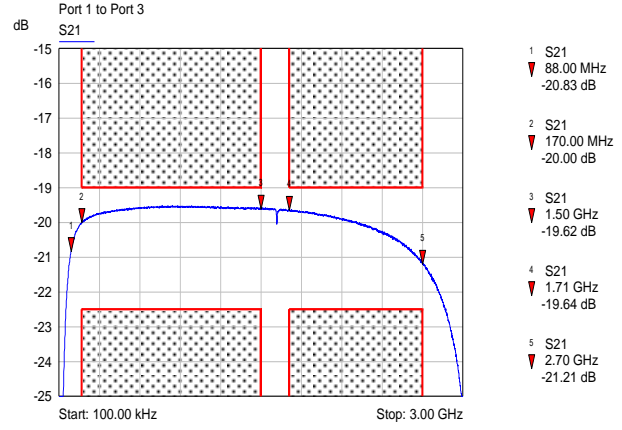
Asymmetric Splitter 20 dB

Measurements:

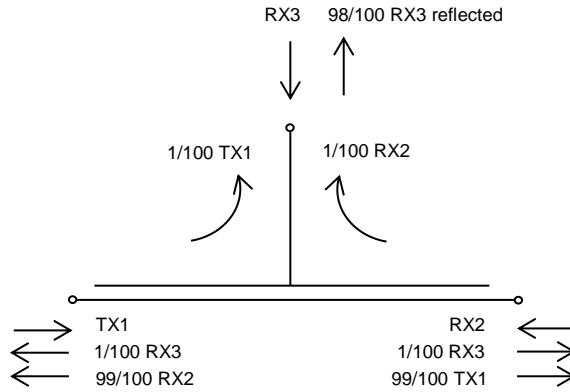
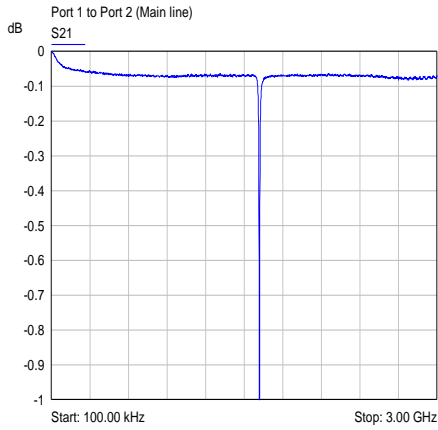
VSWR



Coupling



Signal splitting ratios (approximate values, for information only):



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