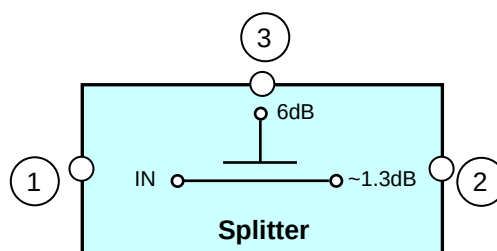


Coaxial 2-Way-Splitter



Picture not binding



block diagram

Electrical characteristics

Part number	BN 818242	BN 818342	BN 923042
Splitting ratio	1 : 0.25 : 0.75		
Frequency range	Range 1 170-380 MHz Range 2 380-1500 MHz Range 3 1710-2700 MHz		
Insertion loss	~ 1.3 dB (Main line)		
Coupling	Range 1 6 dB ± 2 dB Range 2 6 dB ±1 dB Range 3 6 dB ±1 dB		
VSWR	≤ 1.45 (Port 1.2) *		
Passive intermodulation (IM3), 3rd order 2 x 20W	≤ -155 dBc typical: ≤ -160dBc	≤ -160 dBc typical: ≤ -165dBc	≤ -150 dBc typical: ≤ -155dBc
Impedance	50 Ohm		
Power Rating	500 W CW (5 kW peak / 20µs)		250 W CW (5 kW peak / 20µs)

* According to DIN 14024-1

Mechanical characteristics

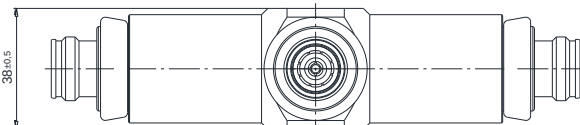
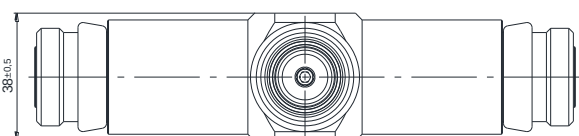
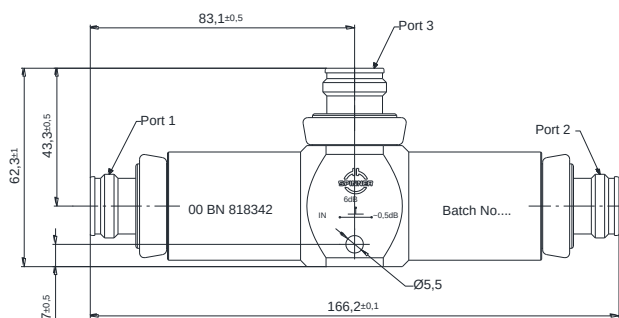
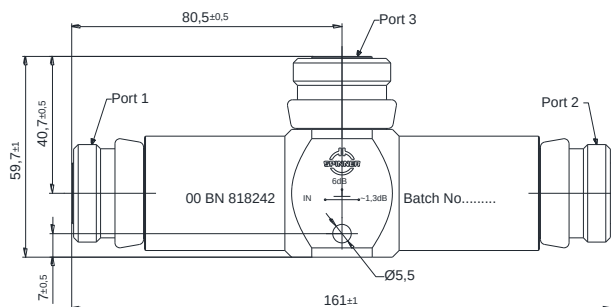
Connectors	7-16 female	4.3-10 female	N female
Dimensions, approx. (Without brackets and connectors)	See drawing		
Paint color	N/A		
Weight, approx.	0.55 kg		
Wall / Mast mounting	to be ordered separately under BN B09499		

Environmental conditions

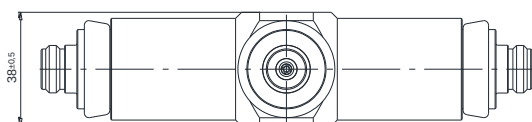
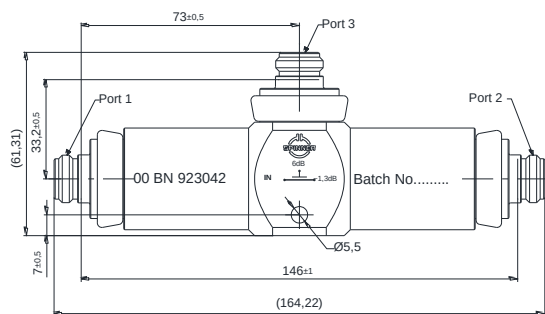
Class. of environmental conditions	ETSI EN 300019-1-1 Class 1.2 ETSI EN 300019-1-2 Class 2.3 ETSI EN 300019-1-4 Class 4.1E
Degree of protection	IP 68
Operation Ambient temperature range	-20 °C to +55 °C
Storage Ambient temperature range	-40 °C to +85 °C
Relative humidity, max.	95% (non-condensing)

Coaxial 2-Way-Splitter

Outline (all dimensions in millimeter)



modifications reserved

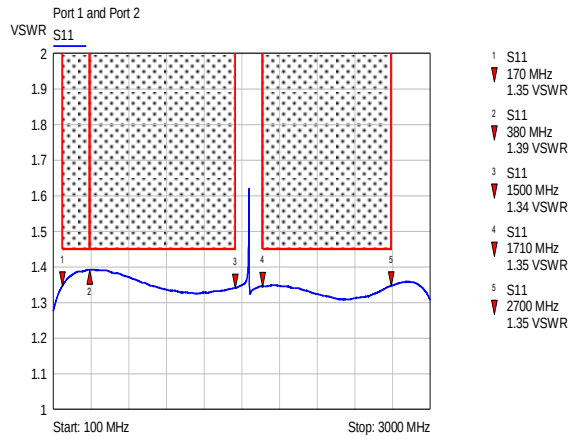


modifications reserved

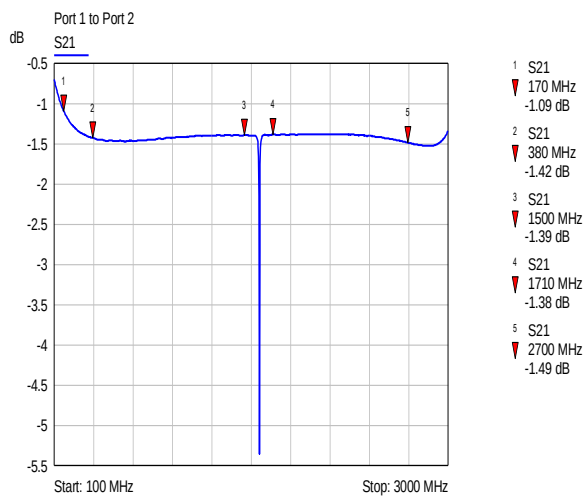
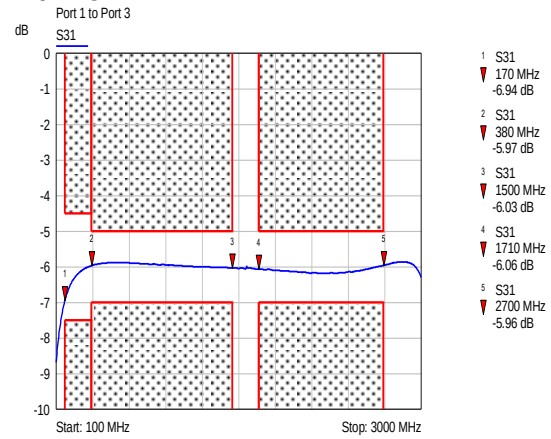
Coaxial 2-Way-Splitter

Measurements:

VSWR:



Coupling:



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

