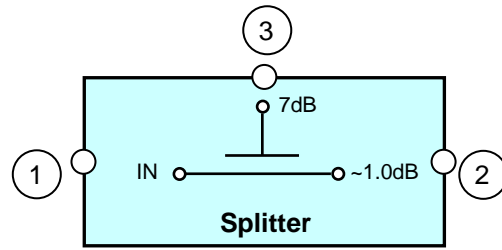


# Coaxial 2-Way-Splitter



Picture not binding



block diagram

## Electrical characteristics

Part number	BN 818243	BN 818343	BN 923043
Splitting ratio	1 : 0.2 : 0.8		
Frequency range	Range 1 170-380 MHz Range 2 380-1500 MHz Range 3 1710-2700 MHz		
Insertion loss	~ 1.0 dB (Main line)		
Coupling	Range 1 7 dB ± 2 dB Range 2 7 dB ±1 dB Range 3 7 dB ±1 dB		
VSWR	≤ 1.35 (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

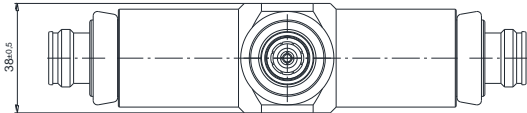
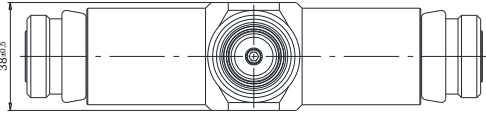
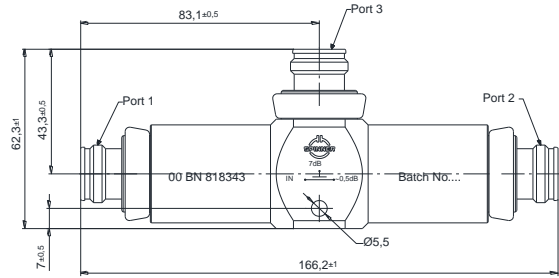
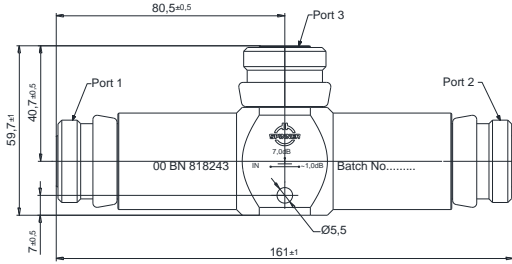
Class. of environmental conditions	ETSI EN 300019-1-1 Class 1.2 ETSI EN 300019-1-2 Class 2.3 ETSI EN 300019-1-4 Class 4.1E
Degree of protection	IP 68
Operation Ambient temperature range	-20 °C to +55 °C
Storage Ambient temperature range	-40 °C to +85 °C
Relative humidity, max.	95% (non-condensing)

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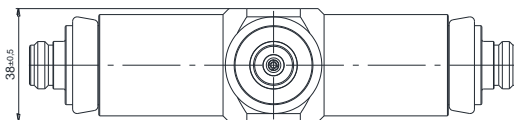
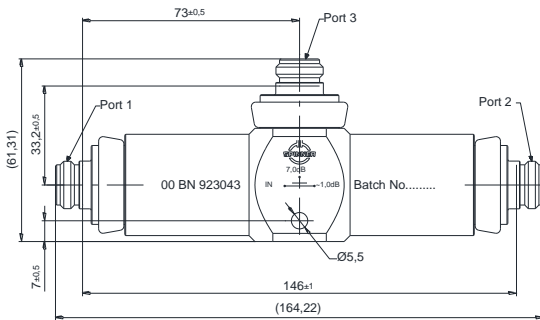
Template TD-00002Y

# Coaxial 2-Way-Splitter

## Outline (all dimensions in millimeter)



modifications reserved



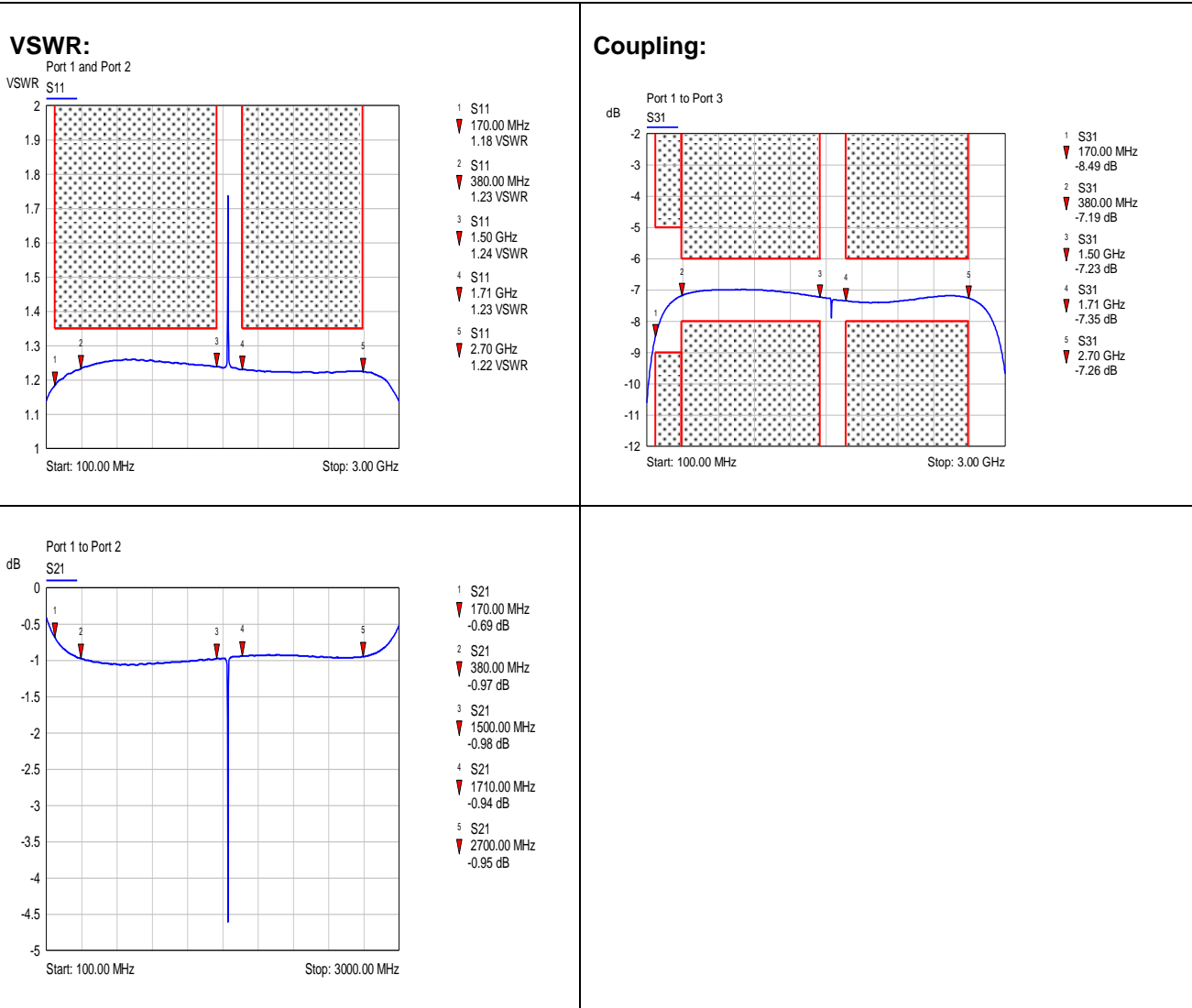
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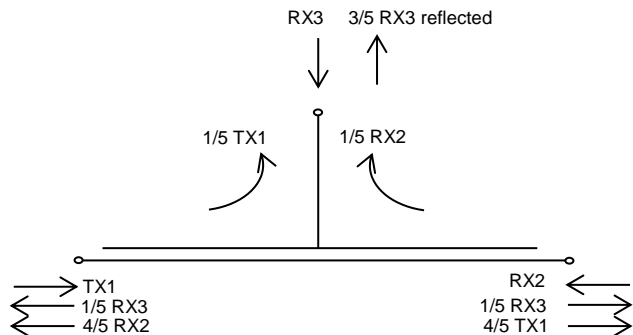
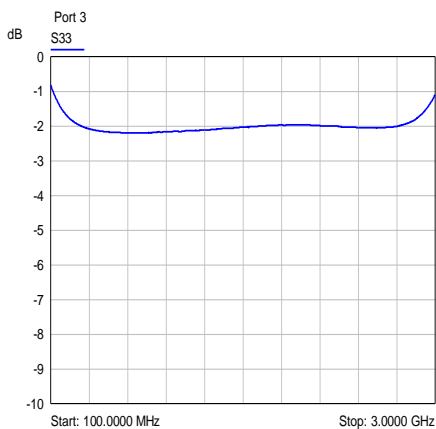
Template TD-00002Y

# Coaxial 2-Way-Splitter

## Measurements:



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



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