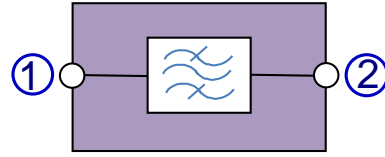


Lowpass Filter



Picture not binding



block diagram

Electrical characteristics

Part number		BN 616331
Frequency range Passband	Range 1	0 – 380 MHz
	Range 2	380 – 500 MHz
Stopband	Range 3	800 – 876 MHz
	Range 4	876 – 2200 MHz
Insertion loss Range 1 and 2		≤ 0.2 dB
Stopband rejection	Range 3	≥ 45 dB
	Range 4	≥ 55 dB
VSWR	Range 1	≤ 1.25
	Range 2	≤ 1.14
Change group delay Range 1 and 2		≤ 4 ns typical: ≤ 2 ns
Test voltage		500 V (DC voltage)
Special feature		DC-by-pass (max.1 A)
Passive intermodulation (IM3), 3rd order @ 2 x 20W		≤ -150 dBc typical: ≤ -160 dBc
Impedance		50 Ohm
Power Rating		150 W (CW) max. per input port

Mechanical characteristics

Connectors	7-16 female
Dimensions, approx. (Excluding brackets and connectors)	130 x 49 x 255 mm (Width x Height x Depth)
Weight, approx.	1.4 kg
Paint color	No painting
Wall / mounting brackets	Part of delivery

Environmental conditions

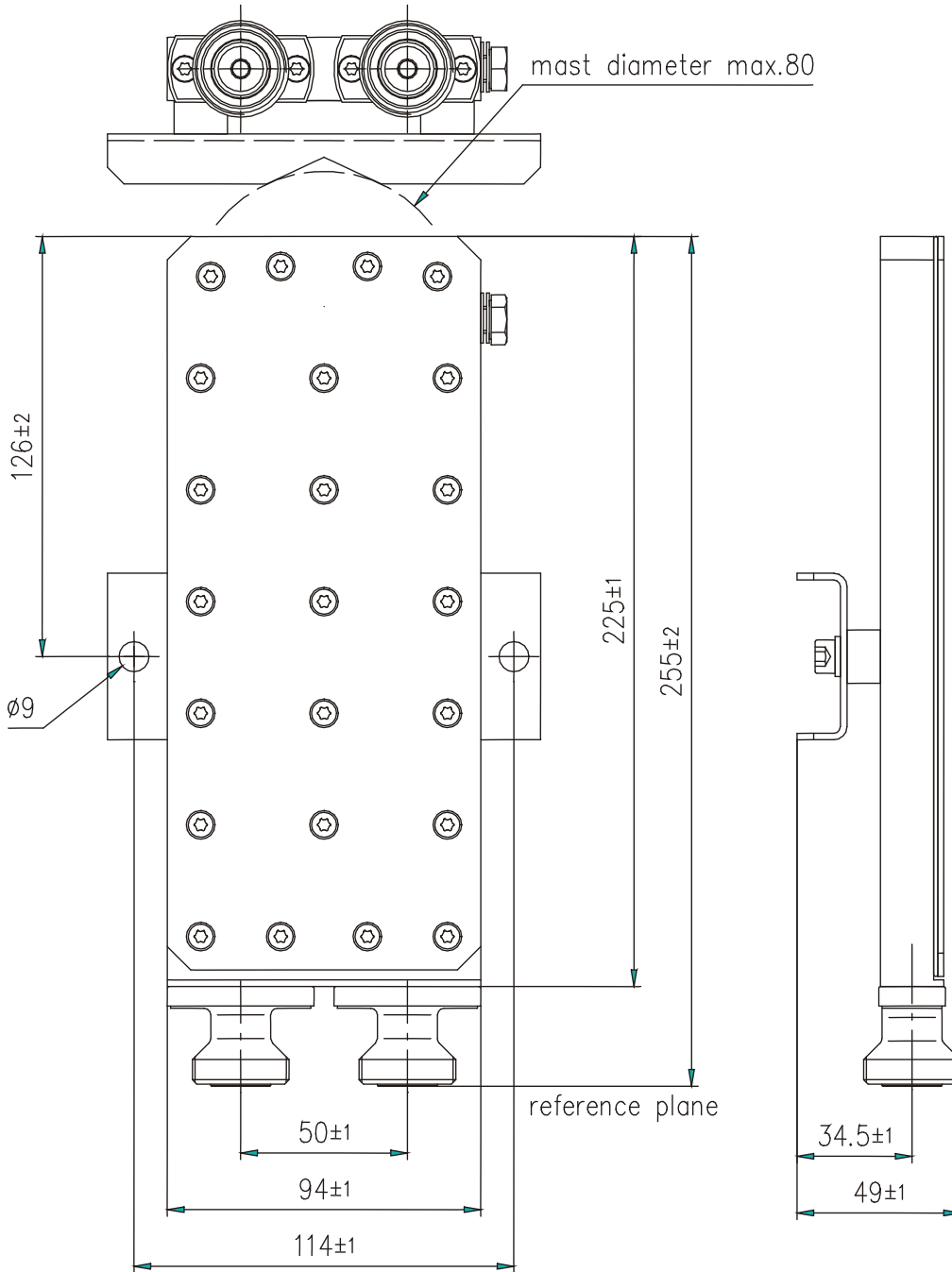
Class. of environmental conditions	ETSI EN 300019-1-1 Class 1.2 ETSI EN 300019-1-2 Class 2.3 ETSI EN 300019-1-4 Class 4.1E
Degree of protection	IP 65
Operation Ambient temperature range	-40 °C to +65 °C
Storage Ambient temperature range	-40 °C to +85 °C
Relative humidity, max.	95% (non-condensing)

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Template TD-00002Y

Lowpass Filter

Outline (all dimensions in millimeter)



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Standard:
7-16 female (50 ohms): EN 122190, IEC 61169-4

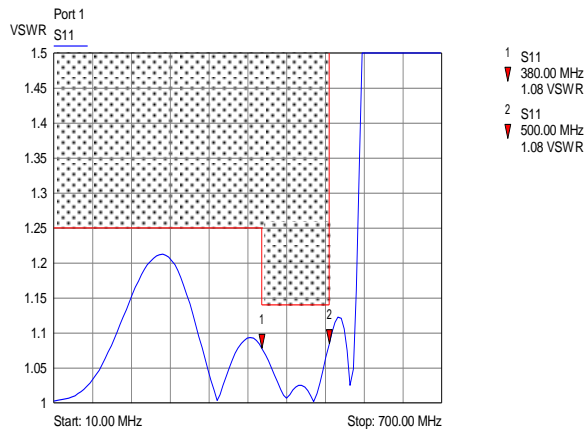
modifications reserved!

Measurements:

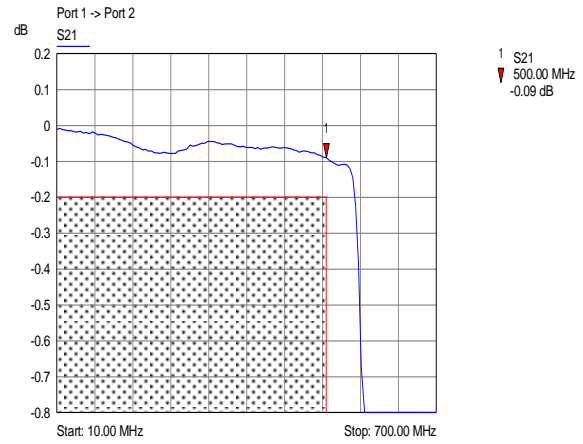
Template TD-00002Y

Lowpass Filter

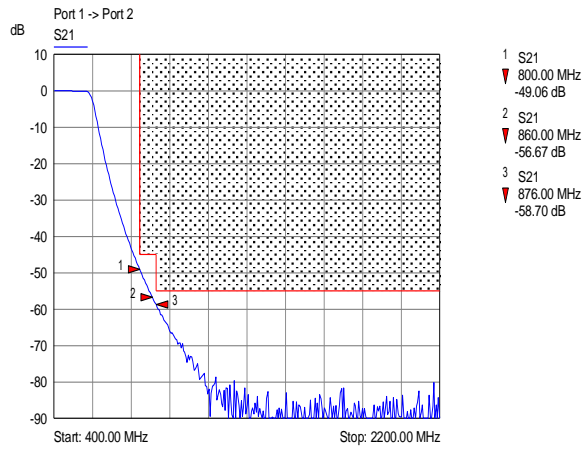
VSWR:



Insertion loss:



Stopband rejection:



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