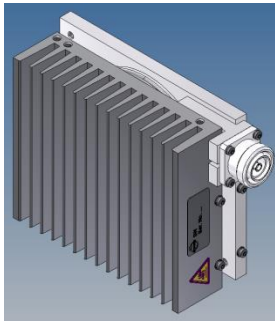
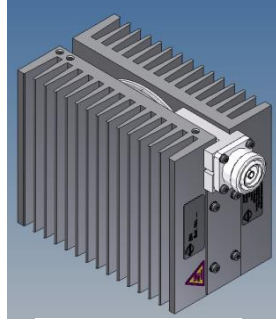


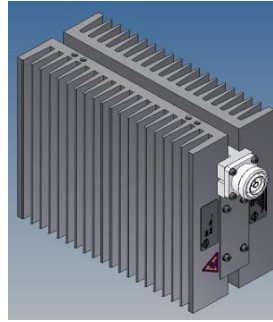
**Coaxial Load 50w / 100W / 150W low IM**



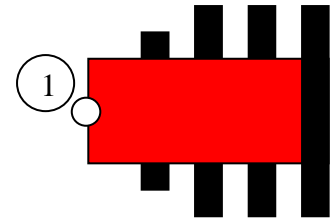
50W Load



100W Load



150W Load



block diagram

**Electrical characteristics**

Part number	BN 534279	BN 534280	BN 534277
Frequency range	130-3800 MHz (6000 MHz on request)		
Intermodulation products: 3rd order @ 2 x 20 W	≤ -120 dBc (typ. ≤ -125 dBc) @ 130 - 350 MHz ≤ -140 dBc (typ. ≤ -145 dBc) @ 350 - 694 MHz ≤ -150 dBc (typ. ≤ -155 dBc) @ 694 - 870 MHz ≤ -160 dBc (typ. ≤ -165 dBc) @ 870 - 3800MHz		
VSWR	≤ 1.15; typ. ≤ 1.08 @ 130 - 3000MHz ≤ 1.2; typ. ≤ 1.15 @ 3000 - 3800MHz		
Power Rating	≤50W	≤100W	≤150W
Ambient temperature range	-40 ... +50 °C (full power rating) +50...+85 °C (limited power rating, see derating curve)		

**Mechanical characteristics**

Connectors	7-16 socket (50 Ohms)		
Dimensions, approx. (Excluding brackets and connectors)	See drawing		
Weight, approx.	2.0 Kg	2.8 Kg	4.1 Kg
Wall / Mast mounting	to be ordered separately under BN B20962 or B20963		

**Environmental conditions**

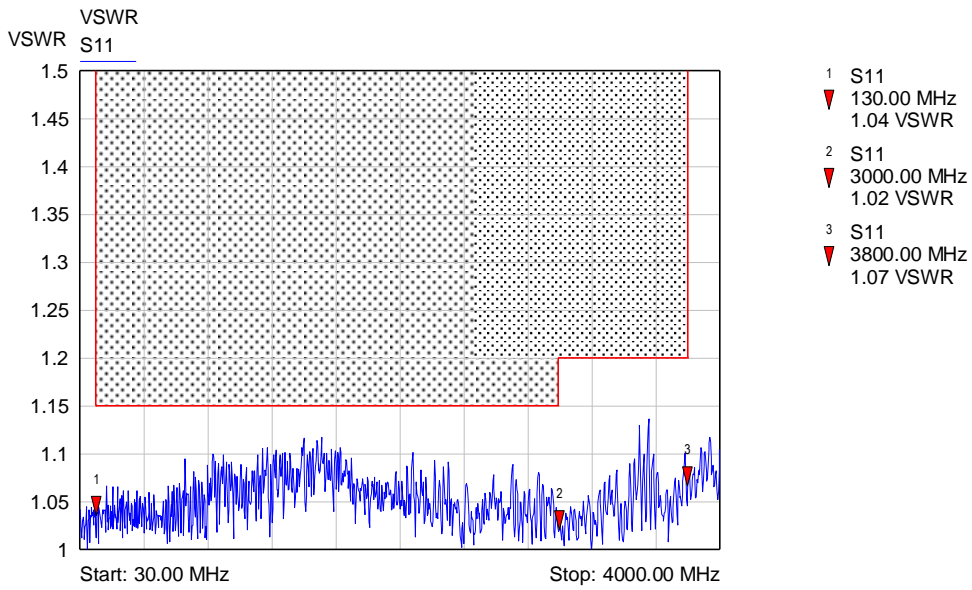
Class. of environmental conditions:	ETSI EN 300019-1-1 Class 1.2 ETSI EN 300019-1-2 Class 2.3 ETSI EN 300019-1-3 Class 3.3
Degree of protection	IP 20
Operation Ambient temperature range	-40 °C to +50 °C
Storage Ambient temperature range	-40 °C to +85 °C
Relative humidity, max.	95% (non-condensing)

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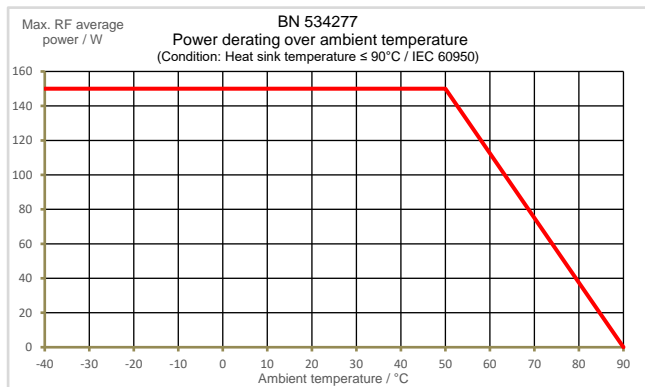
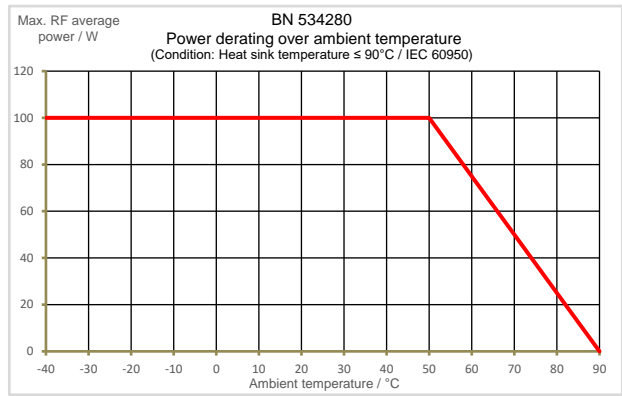
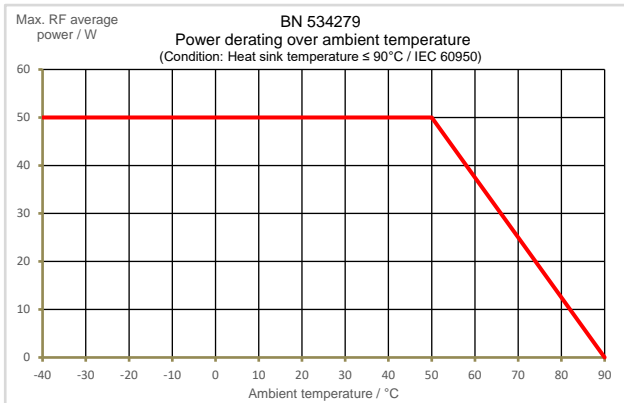
Template TD-00002Y

# Coaxial Load 50w / 100W / 150W low IM

## Measurements:



## Temperature derating diagram:

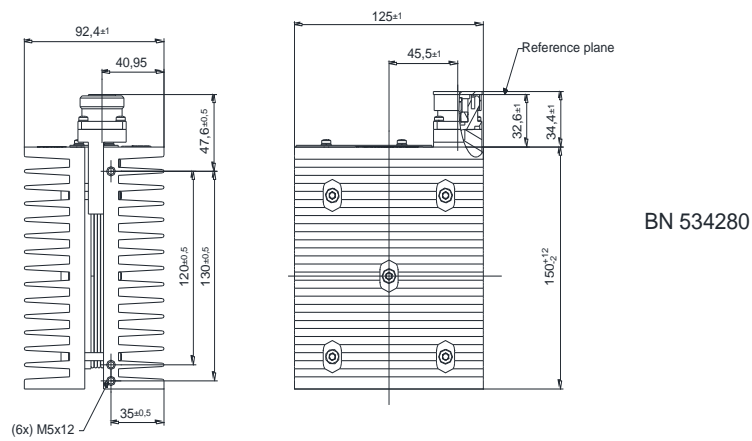
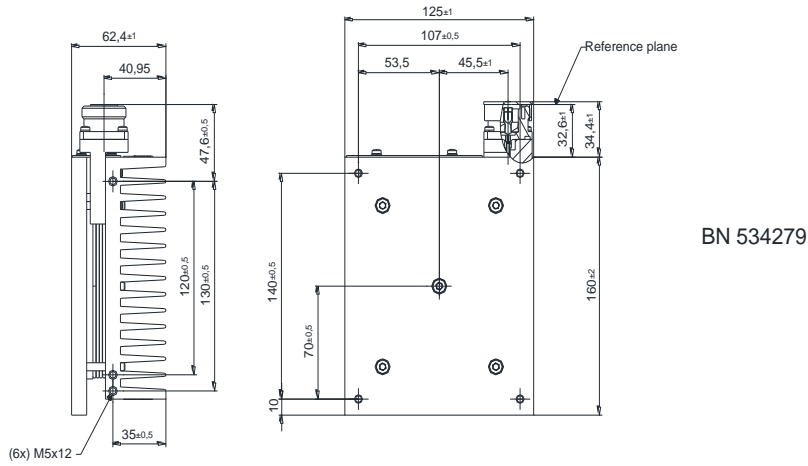
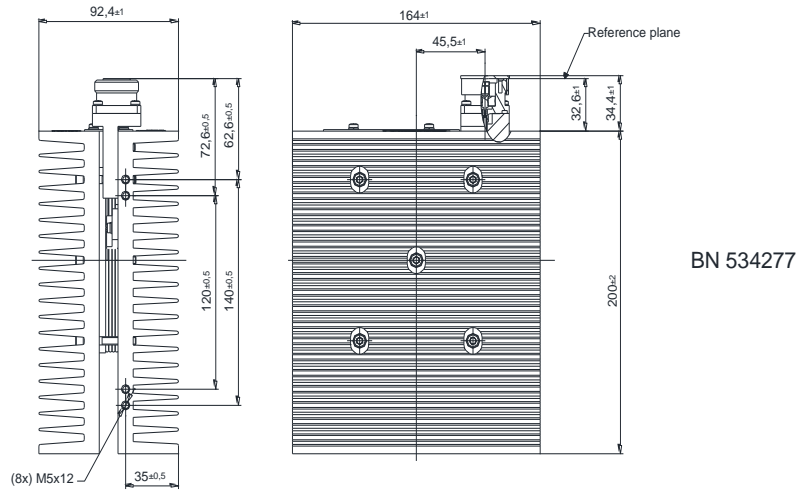


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Template TD-00002Y

Coaxial Load 50w / 100W / 150W low IM

Dimensions:



Standard:

7-16 female (50 ohms): CECC 22190, IEC 61169-4;

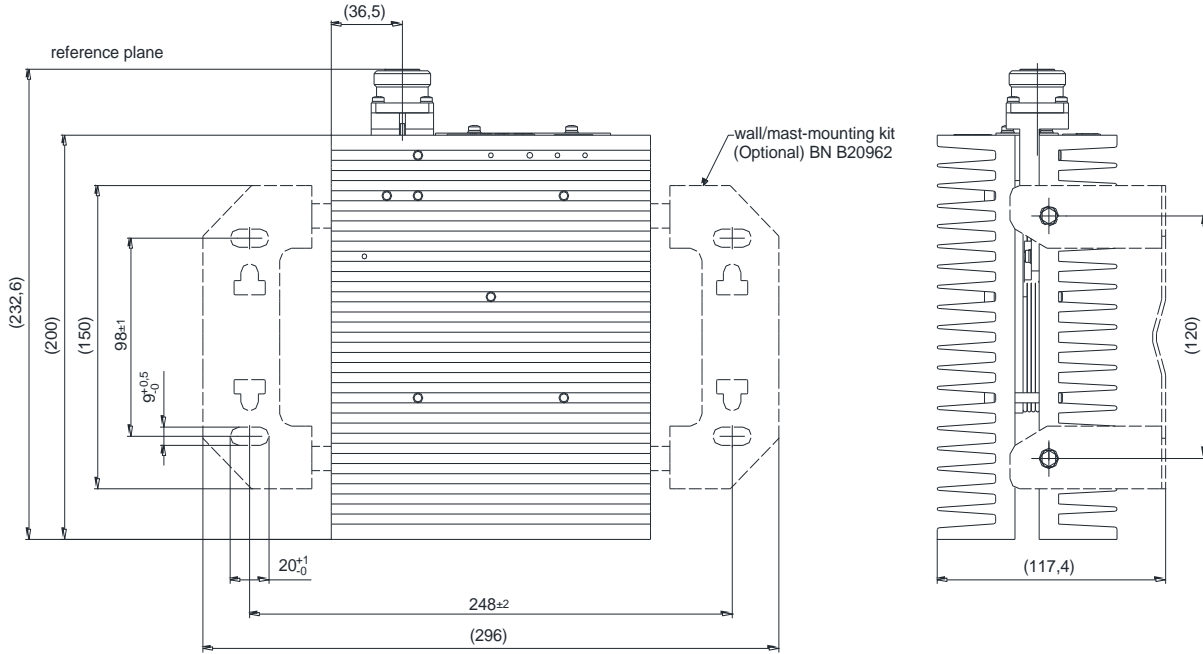
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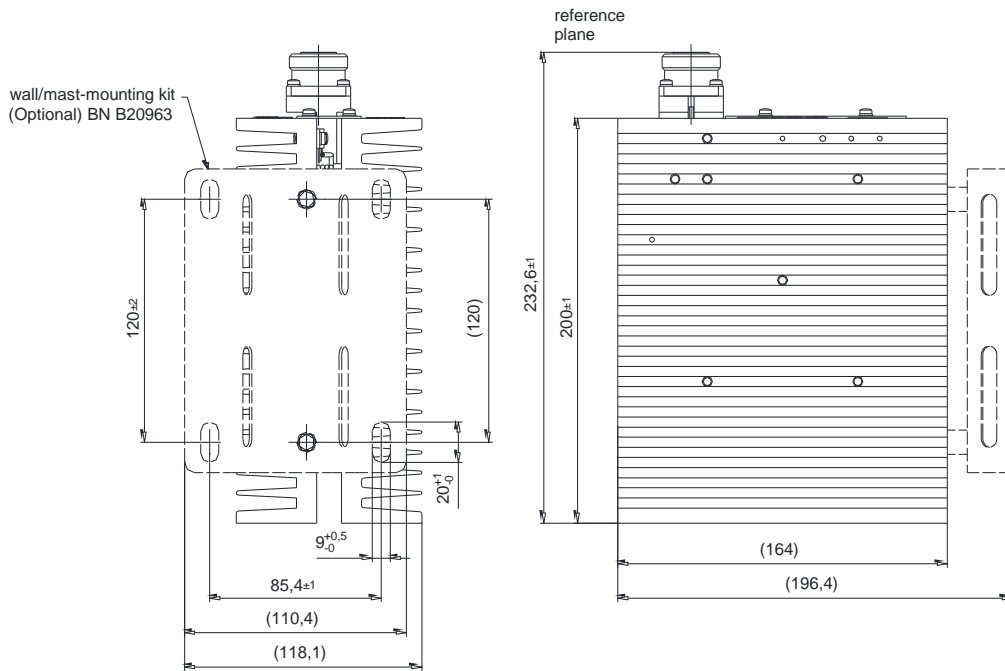
Coaxial Load 50w / 100W / 150W low IM

Dimensions with Wall / Mast mounting (example BN 534277):



Standard:  
7/16 female: 50 (ohms) CECC2190,IEC 61169-4

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Standard:  
7/16 female: 50 (ohms) CECC2190,IEC 61169-4

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