



The termination dummy load is designed to match the open port for RF equipment and systems. SYMAIR termination loads have compact dimensions, stable power handling and high reliability for long-term applications. With low-PIM design, the termination can avoid system interference.

General Specifications

Product Type	Low PIM RF Termination Load
Frequency Band	694-3800 MHz
Power Handling	50 Watts
Intermodulation (3rd order)	$\leq -150\text{dBc}@2\times 43\text{dBm}$
Connector Interface	4.3-10 male

Electrical Specifications

Frequency Band	694-3800 MHz
Return Loss	$\leq -19.1\text{ dB}$
VSWR	≤ 1.25
Intermodulation (3rd order)	$\leq -150\text{dBc}@2\times 43\text{dBm}$
Power Handling	50 watts
Impedance	50 ohms

Material Specifications

Cavity	Cavity Enclosure	Aluminum alloy
	Cavity Outer Surface Treatment	Conductive oxidation / Painting
	Cavity Inner Surface Treatment	Cu3Ag1
	Inner Conductor	Aluminum alloy
Connector	Inner Conductor Surface Treatment	Ag1
	Outer Conductor	Brass
	Outer Conductor Surface Treatment	Tri-metal CuSnZn3
	Inner Conductor	Brass
	Inner Conductor Surface Treatment	Ag1
	Insulator	PTFE/TPX
	Gasket	Silicon rubber

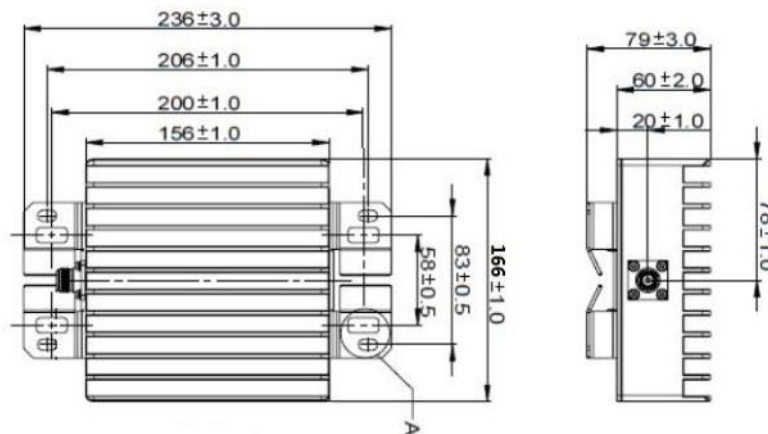
Mechanical Specifications

Dimension	156×166×60 mm
Weight	1.5 kg
Connectors Type	4.3-10 male
Mounting	Plane
Packing	1 pcs in box

Environmental Specifications

Operating Temperature	-40 °C to +65 °C
Storage Temperature	-45 °C to +85 °C
Relative Humidity	5% - 95%
Application	Indoor

Outline Drawing



Regulatory Compliances

ISO 9001:2015	Compliant
ROHS	Compliant
China RoHS	Compliant
UK RoHS	Compliant
REACH	Compliant
EU/CE	Compliant

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