



## OVERVIEW

BRIDGE RF Load or Terminals are matched to 50 ohms characteristic impedance. It is designed to absorb all the incident power with very little reflection, effectively terminating the line or port in its impedance. Widely used to connect with unused RF port of any RF products.

BRIDGE RF Load or Terminals is using wide band technology to coverage the wide band range signals from DC-4000MHz.

In the section of materials selection, Bridge products are all made of good and rugged materials, which make sure long product working life and stable working performance.

## Product



## FEATURES

- Wide working range from DC-4000MHz.
- 25W/50W/100W/200W are options to use.
- Connectors is available at N type, Din type and 4.3-10 type.
- PIM level is optional at -150 dBc/ -155dBc/ -160dBc.
- High IP Class reach to IP65 and support working in bad installation environment.
- Good heat dissipation design to expand the working life.

## TECHNICAL DATA

Part Numbers		25W	50W	100W	200W
Power Rating		25W	50W	100W	200W
Connector Type	N Male	18-HFBBF7-O1	18-HFBBG7-O1	18-HFBBH7-O1	18-HFBBJ7-O1
	N Female	18-HFBAF7-O1	18-HFBAG7-O1	18-HFBAH7-O1	18-HFBAJ7-O1
	4.3-10 Male	18-HFBFF7-O1	18-HFBFG7-O1	18-HFBFH7-O1	18-HFBFJ7-O1
	4.3-10 Female	18-HFBEF7-O1	18-HFBEG7-O1	18-HFBEH7-O1	18-HFBEJ7-O1
	DIN Male	18-HFBDF7-O1	18-HFBDG7-O1	18-HFBDH7-O1	18-HFBDJ7-O1
	DIN Female	18-HFBCF7-O1	18-HFBCG7-O1	18-HFBCH7-O1	18-HFBCJ7-O1
Frequency Range		DC-4000MHz			
Return Loss		≤ -19dB			
PIM:IM3 (2x43dBm)		≤ -160dBc			
Impedance		50 Ω			

Unit measurements in mm

Disclaimer: All images are for reference purposes only

Revised | B.1.1

Important Notice: Information contained in this data sheet is believed to be reliable at the date of issue, however accuracy and completeness is not guaranteed.

Bridge Components holds the right to change the product specifications without notice.

# DATA SHEET

## 18-HFBXX7-O1 | RF LOAD

Frequency: DC-4000MHz | Power: 25/50/100/200W | Connector: N/4.3-10/DIN - Male/Female

PIM: -160dBc | Usage: Indoor & Outdoor



### Mechanical Specifications

Dimension	N M/F	176x145x48mm	176x145x67mm	176x145x67mm	176x176x98mm
	4.3-10 M/F	176x145x48mm	176x145x67mm	176x145x67mm	176x176x98mm
	DIN M/F	176x145x48mm	176x145x67mm	176x145x67mm	176x176x98mm
Weight	N M/F	1.9kg	2.3kg	2.3kg	4.4kg
	4.3-10 M/F	1.9kg	2.3kg	2.3kg	4.4kg
	DIN M/F	2.0kg	2.4kg	2.4kg	4.5kg
Color	Black				

### Environmental Specifications

Temperature	- 40 C° ~ +65 C°
Humidity	≤95%
IP Rating	IP65 (Indoor and Outdoor)

### Installation Specifications

Installation Method	Wall Mounting
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Unit measurements in mm

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