

DATA SHEET

18-HFBXXA-O1 | RF LOAD

Frequency: DC-4000MHz | Power: 2/5/10/25/50W | Connector: N/4.3-10/DIN - Male/Female

Usage: Indoor & Outdoor



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.

FEATURES

- Wide working range from DC-4000MHz.
- 2W/5W/10W/25W/50W are options to use.
- Connectors is available at N type, Din type and 4.3-10 type.
- 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

Power Rating		2W	5W	10W	25W	50W
Connector Type	N Male	18-HFBBBA-O1	18-HFBBCA-O1	18-HFBBDA-O1	18-HFBBFA-O1	18-HFBBGA-O1
	N Female	18-HFBABA-O1	18-HFBACA-O1	18-HFBADA-O1	18-HFBAFA-O1	18-HFBAGA-O1
	4.3-10 Male	18-HFBFBA-O1	18-HFBFCA-O1	18-HFBFDA-O1	18-HFBFFA-O1	18-HFBFGA-O1
	4.3-10 Female	18-HFBEBA-O1	18-HFBECA-O1	18-HFBEDA-O1	18-HFBEFA-O1	18-HFBEGA-O1
	DIN Male	18-HFBDBA-O1	18-HFBDCA-O1	18-HFBDDA-O1	18-HFBDF A-O1	18-HFB DGA-O1
	DIN Female	18-HFBCBA-O1	18-HFBCCA-O1	18-HFBCDA-O1	18-HFBCFA-O1	18-HFB CGA-O1
Frequency Range		DC-4000MHz				
VSWR/Return Loss		≤1.2/ -21dB				
Impedance		50 Ω				



Product

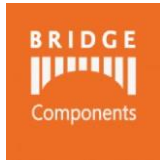
Unit measurements in mm

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.



Mechanical Specifications

Dimension	N M/F	Φ22x47 mm	Φ22x54 mm	Φ60x46.5 mm	Φ60x46.5 mm	Φ60x80 mm
	4.3-10 M/F	Φ22x57 mm	Φ22x50 mm	Φ60x46.5 mm	Φ60x46.5 mm	Φ60x80 mm
	DIN M/F	Φ22x46 mm	Φ22x51 mm	Φ60x46.5 mm	Φ60x46.5 mm	Φ60x80 mm
Weight	N M/F	0.2kg	0.3kg	0.3kg	0.45kg	0.7kg
	4.3-10 M/F	0.2kg	0.3kg	0.3kg	0.45kg	0.7kg
	DIN M/F	0.25kg	0.35kg	0.35kg	0.5kg	0.8kg
Color	Black					

Environmental Specifications

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

Installation Specifications

Installation Method	Wall Mounting
---------------------	---------------

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.