



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-3000MHz.

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-3000MHz.
- 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-HEBBF7-O1 | 18-HEBBG7-O1 | 18-HEBBH7-O1 | 18-HEBBJ7-O1 |
| | N Female | 18-HEBAF7-O1 | 18-HEBAG7-O1 | 18-HEBAH7-O1 | 18-HEBAJ7-O1 |
| | 4.3-10 Male | 18-HEBFF7-O1 | 18-HEBFG7-O1 | 18-HEBFH7-O1 | 18-HEBFJ7-O1 |
| | 4.3-10 Female | 18-HEBEF7-O1 | 18-HEBEG7-O1 | 18-HEBEH7-O1 | 18-HEBEJ7-O1 |
| | DIN Male | 18-HEBDF7-O1 | 18-HEBDG7-O1 | 18-HEBDH7-O1 | 18-HEBDJ7-O1 |
| | DIN Female | 18-HEBCF7-O1 | 18-HEBCG7-O1 | 18-HEBCH7-O1 | 18-HEBCJ7-O1 |
| Frequency Range | | DC-3000MHz | | | |
| Return Loss | | ≤ -19dB | | | |
| PIM:IM3 (2x43dBm) | | ≤ -160dBc | | | |
| Impedance | | 50 Ω | | | |

Unit measurements in mm

Disclaimer: All images are for reference purposes only

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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.

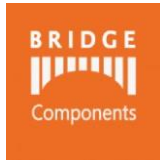
Bridge Components holds the right to change the product specifications without notice.

DATA SHEET

18-HEBXX7-01 | RF LOAD

Frequency: DC-3000MHz | **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 |
|---------------------|---------------|

Unit measurements in mm

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