

# Terminations | 2W, 5W, 10W, 30W & 100W LOW PIM

Termination Load (555-6000 MHz)

## General Information

A termination or load is a dissipative electronic device used at the end of a transmission line or waveguide to convert transmitted energy into heat, so that essentially no energy is radiated outward or reflected back to its source.

These terminations are ideally suited for a variety of applications including testing, accurate measurement, and to terminate an unused port in an in-building system.

### Frequency Range

- 555-6000 MHz

### Product Highlights

- Wide Frequency Band
- 2G/3G/4G/LTE/5G Coverage
- Low VSWR
- Low PIM
- Widely used for In-Building Solutions

### 2W - 30W | Electrical & Mechanical Specifications

|                            |  |
|----------------------------|--|
| Frequency(MHz)             | 555-4200                                 |
| Impedance                  | 50 Ohms                                  |
| Power(W)                   | 2 - 100 (average)                        |
| Temp(deg)                  | -30°C to +65°C                           |
| PIM                        | -160dBc PIM                              |
| VSWR                       | ≤1.25:1                                  |
| Color                      | Black                                    |
| Dimensions                 | ø2.0" Dia. x 6.15"L (includes connector) |
| Available Connectors Types | 4.3-10 male or Female                    |

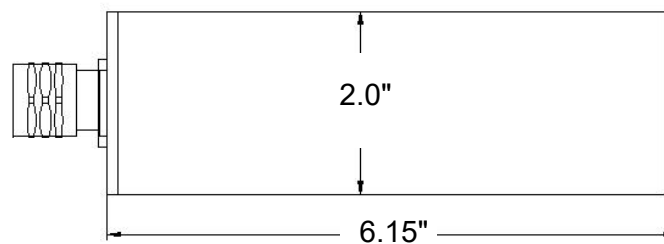


### Ordering Details

|              |  |
|--------------|--|
| CS48-955-001 | 2W, 4.3-10M, Termination, 555-6000MHz, Low PIM   |
| CS48-955-002 | 2W, 4.3-10F, Termination, 555-6000MHz, Low PIM   |
| CS48-956-001 | 5W, 4.3-10M, Termination, 555-6000MHz, Low PIM   |
| CS48-956-002 | 5W, 4.3-10F, Termination, 555-6000MHz, Low PIM   |
| CS48-957-001 | 10W, 4.3-10M, Termination, 555-6000MHz, Low PIM  |
| CS48-957-002 | 10W, 4.3-10F, Termination, 555-6000MHz, Low PIM  |
| CS48-958-001 | 30W, 4.3-10M, Termination, 555-6000MHz, Low PIM  |
| CS48-958-002 | 30W, 4.3-10F, Termination, 555-6000MHz, Low PIM  |
| CS48-959-001 | 100W, 4.3-10M, Termination, 555-6000MHz, Low PIM |
| CS48-959-002 | 100W, 4.3-10F, Termination, 555-6000MHz, Low PIM |

\*DIN available by special order

### Mechanical Drawings



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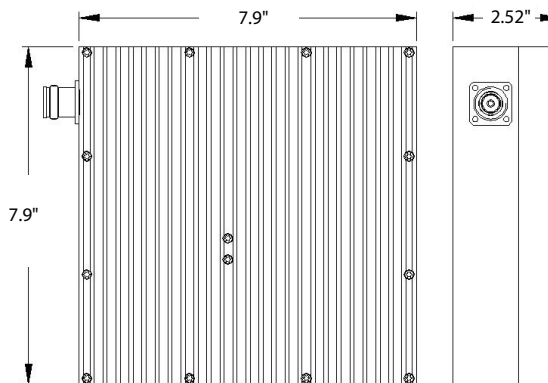
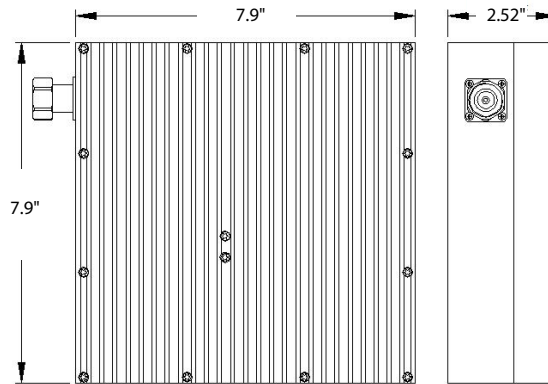
## 100W | Electrical & Mechanical Specifications

|                           |   |
|---------------------------|---|
| Frequency(MHz)            | 600-6000  |
| Impedance                 | 50 Ohms   |
| Power(W)                  | 100 (average)   |
| Temp(deg)                 | -30°C to +65°C  |
| PIM                       | -160dBc PIM   |
| VSWR                      | ≤1.35:1   |
| Color                     | Black   |
| Dimensions                | 2.52"W x 7.9"W x 7.9"H<br>(not including connectors or mounting hardware) |
| Available Connector Types | 4,3-10 male or female   |



## Mechanical Drawings

100 Watt



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