

C Female to C Female Bulkhead Mount Adapter

PE9186



Configuration

- C Female Connector 1
- C Female Connector 2
- 50
- Straight Body Geometry
- Bulkhead Mount Method

Features

- Type C interface compliant with MIL-STD-348
- Contact plating according to QQ-S-365
- Silver Plated Beryllium Copper Contact

Applications

- General Purpose Test
- Rack Mounted Equipment

Description

Pasternack's PE9186 type C female to type C female bulkhead adapter is part of our full line of RF components available for same-day shipping. Our type C to type C adapter has a female to female gender configuration. PE9186 type C female to type C female adapter operates to 11 GHz. This RF type C to type C bulkhead adapter allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/disconnect cycles is high. An RF, microwave or millimeter wave adapter is connected to the equipment, and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Pasternack also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

Electrical Specifications

| Description | Minimum | Typical | Maximum | Units |
|--------------------------------------|---------|---------|---------|-------|
| Frequency Range | DC | | 11 | GHz |
| Impedance | | 50 | | Ohm |
| Operating Voltage (AC) | | | 1,000 | Vrms |
| Dielectric Withstanding Voltage (AC) | | | 3,000 | Vrms |
| Insulation Resistance | 5,000 | | | MOhms |

Mechanical Specifications

Size

| | |
|--------|--------------------|
| Length | 1.48 in [37.59 mm] |
| Width | 1.00 in [25.40 mm] |
| Height | 0.00 in [0.00 mm] |
| Weight | 0.11 lbs [48.31 g] |

| Description | Connector 1 | Connector 2 |
|-------------------------|-------------|-------------|
| Type | C Female | C Female |
| Polarity | Standard | Standard |
| Interface Specification | MIL-STD-348 | MIL-STD-348 |

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Material Specifications

| Description | Connector 1 | | Connector 2 | |
|-----------------|------------------|--------------------|------------------|--------------------|
| | Material | Plating | Material | Plating |
| Type | C Female | | C Female | |
| Contact | Beryllium Copper | Silver QQ-S-365 | Beryllium Copper | Silver QQ-S-365 |
| Insulation | PTFE | | PTFE | |
| Outer Conductor | Brass | Nickel QQ-N-290 | Brass | Nickel QQ-N-290 |

Environmental Specifications

Temperature

Operating Range -65 to +165 °C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

C Female to C Female Bulkhead Mount Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [C Female to C Female Bulkhead Mount Adapter PE9186](#)

URL: <https://www.pasternack.com/c-female-c-female-straight-adapter-pe9186-p.aspx>

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. Pasternack Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE9186 CAD Drawing

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