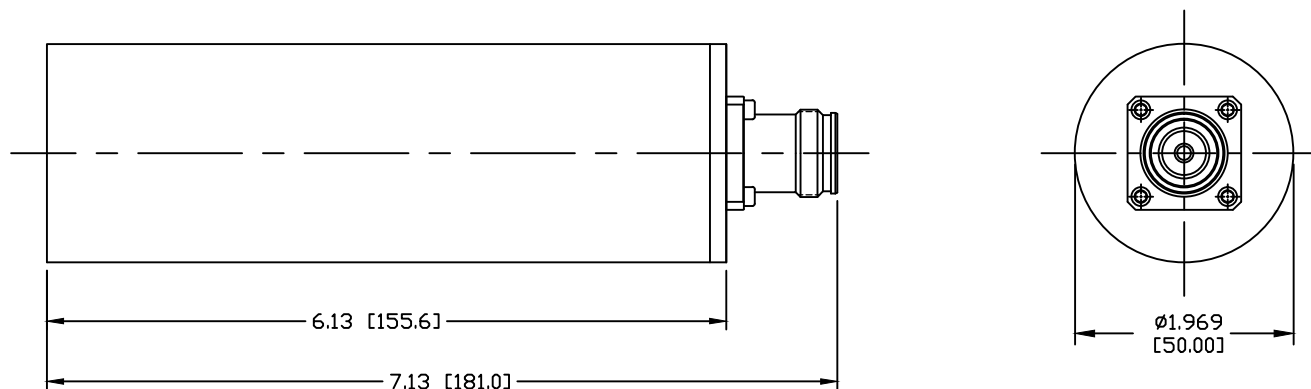


PART NO.

**RFLOAD-43F50**

| REV | DESCRIPTION       | DWN | DATE    | APPROVED |
|-----|-------------------|-----|---------|----------|
| B   | CHANGE BODY STYLE | CZS | 11/1/19 | JDMc     |

**SPECIFICATIONS:**

IMPEDANCE: 50 Ohms  
 OPERATION FREQUENCY BAND: 350–2700MHz  
 3rd ORDER IM: -160dBc (RELATIVE TO CARRIER)  
 3rd ORDER IM TEST METHOD: 2x43dBm CARRIERS  
 VSWR:  $\leq 1.3:1$  @ 350–600MHz  
 VSWR:  $\leq 1.2:1$  @ 600–2700MHz  
 AVERAGE POWER: 50W @ 350–2700MHz  
 APPLICATION: INDOOR  
 TEMPERATURE RANGE: -30°C ~ +65°C  
 COLOR: BLACK

**NOTES:**

CONNECTOR WILL HAVE PROTECTIVE CAP ON

|   |          |  |                           |  |               |   |  |
|---|----------|--|---------------------------|--|---------------|---|--|
| CUSTOMER<br>OUTLINE DRAWING<br>ALL DIMENSIONS<br>ARE REFERENCE ONLY<br>UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN INCHES<br>AND [MILLIMETERS]   |          | <b>RoHS</b><br><b>COMPLIANT</b>  |                           | <b>RFconnectors</b><br>DIVISION OF RF INDUSTRIES, LTD. |               | 7610 MIRAMAR RD.<br>SAN DIEGO, CA 92126<br>(858) 549-6340<br>(858) 549-6345 FAX |  |
| PROPRIETARY AND CONFIDENTIAL<br>THIS DRAWING CONTAINS<br>INFORMATION PROPRIETARY TO<br>RF INDUSTRIES. ANY<br>UNAUTHORIZED USE OF THIS<br>DRAWING IS EXPRESSLY<br>PROHIBITED WITHOUT WRITTEN<br>PERMISSION FROM RF<br>INDUSTRIES. ANY VIOLATION IS<br>PUNISHABLE UNDER U.S.<br>COPYRIGHT LAWS. |          | <b>50 WATT TERMINATION LOAD</b><br><b>4.3-10 FEMALE - 350-2700 MHz</b> |                           |  |               |   |  |
| DRAWN<br>C. ZUNIGA  | 11/1/19  | SIZE<br>A  | CABLE GROUP<br>N/A        | DWG NO.<br><b>RFLOAD-43F50</b>                         | REVISION<br>B |   |  |
| ORJ DRAWN<br>C. ZUNIGA  | 04/13/17 | SCALE:<br>NTS  | ENGINEERING ID:<br>000000 | SHEET 1 OF 1   |               |   |  |