

**SPECIFICATION SHEET**  
**JFW MODEL 50T-439-XXX**  
**TERMINATION/MISMATCH**

JFW Industries, Inc.  
 Phone: 317-887-1340  
 sales@jfwindustries.com  
 www.jfwindustries.com

|                             |   |
|-----------------------------|---|
| Frequency Range             | DC-3000 MHz   |
| Impedance                   | 50 Ohms (referenced)  |
| Available Values            | 1.0:1 through 5.0:1 in any 0.1 increment<br>(1.0:1 = termination)                         |
| VSWR                        | 1.15:1 maximum (1.0:1)<br>±10% of nominal (all other values)                              |
| RF Input Power              | 10 Watts average @ +25°C<br>Derate to 5 Watts @ +70°C                                     |
| Peak Power                  | 1000 Watts (1 microsecond pulse)  |
| RF Connector                | N, TNC, BNC, SMA or 7/16<br>(male or female)  |
| Operating Temperature Range | -55°C to +100°C   |
| Physical Size               | See outline drawings:<br>092-4885 (N male)<br>092-6409 (TNC male)<br>092-7334 (7/16 male) |

XXX - Insert VSWR required

Example Model Numbers:

|                    |                                 |
|--------------------|---------------------------------|
| 50T-439-1.0 N M    | Termination (1.0:1) with N male |
| 50T-439-1.5 SMA M  | 1.5:1 mismatch with SMA male    |
| 50T-439-5.0 7/16 M | 5.0:1 mismatch with 7/16 male   |

| ECR/ECN # | DATE       | REV | APPR / DATE    | ECR/ECN # | DATE | REV | APPR / DATE |
|-----------|------------|-----|----------------|-----------|------|-----|-------------|
|           | 07/27/2005 |     | SL 07/27/2005  |           |      |     |             |
| 18018     | 12/17/2009 | A   | SMR 12/17/2009 |           |      |     |             |
| 21478     | 04/23/2012 | B   | TRS 04/23/2012 |           |      |     |             |