

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

JFW Industries, Inc.  
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Frequency Range DC-3000 MHz

Impedance 50 Ohms (referenced)

Available VSWR Values 1.0:1 thru 5.0:1 in any 0.1 increment  
 (1.0:1 = termination)

VSWR Tolerance (Termination) 1.15:1 maximum (50T-439-1.0)

VSWR Tolerance (Mismatches) ± 10% from mismatch value

RF Input Power 10 Watts average @ +25°C  
 Derate to 5 Watts @ +70°C

Peak Power 1000 Watts (1 microsecond pulse)

RF Connector N, TNC, BNC, SMA or 7/16  
 (male or female)

Optional Bead Chain Add a "-BC" to the model number to add the bead chain  
 option (See example models below)

Operating Temperature Range -55°C to +100°C

Outline Drawing Numbers 092-4885 (N male)  
 092-8491 (SMA male)  
 092-6409 (TNC male)  
 092-7334 (7/16 male)  
 092-7438 (N male with Bead Chain)

XXX - Insert VSWR value required.  
 Other values available upon request.

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  
 50T-439-BC-1.5 N M 1.5:1 mismatch with N male and Bead Chain  
 50T-439-BC-2.0 N M 2.0:1 mismatch with N male and Bead Chain

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	07/27/2005		SL 07/27/2005	21836	08/21/2012	C	TRS 08/21/2012
18018	12/17/2009	A	SMR 12/17/2009	23288	09/30/2013	D	TRS 09/30/2013
21478	04/23/2012	B	TRS 04/23/2012	25966	11/25/2015	E	BAC 11/25/2015