

**SPECIFICATION SHEET**

**JFW MODEL 50T-684-XXX**

**MISMATCH LOAD**

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Description	Mismatch Load
Frequency Range	DC-1000 MHz
Impedance	50 Ohms (referenced)
Available Mismatch Values	1.3:1 thru 5.0:1 in any 0.1 increment (contact factory for other values)
Mismatch VSWR Tolerance	± 10% maximum ± 5% typical
RF Input Power	300 Watts average @ 25°C Derate to 50 Watts at 100°C
RF Connector	N, TNC, or 7/16 (male or female)
Operating Temperature Range	-55°C to +100°C
Physical Size	See outline drawing 092-4556

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

**Example Model Numbers:**

- 50T-684-2.0 TNC M 2.0:1 mismatch with TNC male
- 50T-684-3.0 TNC F 3.0:1 mismatch with TNC female
- 50T-684-3.5 N F 3.5:1 mismatch with N female
- 50T-684-4.0 7/16 M 4.0:1 mismatch with 7/16 male

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	01/12/2023		TRS 01/12/2023				
32420	02/21/2023	A	TRS 02/21/2023				