

SPECIFICATION SHEET
JFW MODEL 50T-338-XXX
TERMINATION/MISMATCH LOAD

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Description	Termination (1.0:1) or Mismatch Load (X.X:1)
Frequency Range	DC-3000 MHz (1.0:1) DC-2500 MHz (1.1:1 through 1.2:1) DC-2000 MHz (1.3:1 through 3.0:1) DC-1000 MHz (3.1:1 through 10.0:1)
Impedance	50 Ohms nominal
Available VSWR Values	1.0:1 thru 10.0:1 in any 0.1 increment (1.0:1 = termination)
VSWR Tolerance (Termination)	1.15:1 maximum (50T-338-1.0)
VSWR Tolerance (Mismatches)	± 5% from mismatch value DC-1000 MHz ± 10% from mismatch value 1000-2500 MHz
RF Input Power	200 Watts average @ +25°C Derate to 50 Watts average @ +70°C
Peak Power	1000 Watts (1 microsecond pulse)
RF Connector	N or 7/16 (male or female)
Operating Temperature Range	-55°C to +100°C
Optional mounting bracket	Bracket part number: 004-198 Drawing w/ bracket: 092-10057
Physical Size	See outline drawing 092-3624

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

Example Model Numbers:

50T-338-1.0 N M	Termination (1.0:1) with N male
50T-338-1.0 N F	Termination (1.0:1) with N female
50T-338-1.0 7/16 M	Termination (1.0:1) with 7/16 male
50T-338-1.0 7/16 F	Termination (1.0:1) with 7/16 female
50T-338-1.5 N F	1.5:1 mismatch load with N female
50T-338-2.0 N F	2.0:1 mismatch load with N female
50T-338-3.5 7/16 F	3.5:1 mismatch load with 7/16 female
50T-338-5.0 7/16 M	5.0:1 mismatch load with 7/16 male
50T-338-10.0 N F	10.0:1 mismatch load with N female

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
9999	02/25/2003	C	SL 05/30/2003	23216	09/05/2013	G	TRS 09/05/2013
17009	03/25/2009	E	SMR 03/25/2009	23288	09/30/2013	H	TRS 09/30/2013
17453	07/22/2009	F	SMR 07/22/2009	32604	05/10/2023	I	TRS 05/10/2023