

SPECIFICATION SHEET
JFW MODEL 50T-358-XXX
TERMINATION/MISMATCH

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Frequency Range DC-3000 MHz

Impedance 50 Ohms (referenced)

Available VSWR Values 1.0:1 thru 7.0:1 in any 0.1 increment
(1.0:1 = termination)

VSWR Tolerance (Termination) 1.15:1 maximum (50T-358-1.0)

VSWR Tolerance (Mismatches) $\pm 10\%$ from mismatch value

RF Input Power 20 Watts average @ +25°C
Derate to 10 Watts @ +70°C

Peak Power 1000 Watts (1 microsecond pulse)

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

Temperature Range -55°C to +100°C (operating)
-55°C to +100°C (storage)

Environmental Relative Humidity (RH)
5 to 95% non-condensing

MTBF 3,273,910 hours

Outline Drawing Numbers 092-3929-01 (N male)
092-3929-02 (SMA male)
092-3929-03 (TNC female)
092-3929-04 (7/16 male)
092-3929-05 (TNC male)

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

Example Model Numbers:

50T-358-1.0 N M	Termination (1.0:1) with N male
50T-358-1.5 SMA M	1.5:1 mismatch with SMA male
50T-358-3.2 TNC F	3.2:1 mismatch with TNC female
50T-358-4.0 TNC M	4.0:1 mismatch with TNC male
50T-358-5.0 BNC F	5.0:1 mismatch with BNC female
50T-358-7.0 N F	7.0:1 mismatch with N female

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
10275	12/15/2004	B	SL 12/15/2004	25630	08/07/2015	E	TRS 08/07/2015
20280	06/29/2011	C	TRS 06/29/2011	33131	01/29/2024	F	TRS 01/29/2024
23288	09/30/2013	D	TRS 09/30/2013	33696	10/17/2024	G	TRS 10/17/2024