

SPECIFICATION SHEET
JFW MODEL 50T-303-XXX
TERMINATION/MISMATCH

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

Available VSWR Values 1.0:1 thru 10.0:1 in any 0.1 increment
(1.0:1 = termination)

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 (referenced)

VSWR Tolerance (Termination) 1.15:1 maximum (50T-303-1.0)

VSWR Tolerance (Mismatches) ± 5% from mismatch value DC-1000 MHz
± 10% from mismatch value 1000-2500 MHz

RF Input Power 100 Watts average @ +25°C
Derate to 50 Watts @ +100°C

RF Connector BNC, N, SMA, TNC, 7/16, 4.3-10.0 or 4.1-9.5
(male or female)

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

Outline Drawing Numbers 092-3252 (N male)
092-3310 (7/16 male)
092-10394 (TNC male)
092-10395 (TNC female)

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

Example Model Numbers:

50T-303-1.0 N M	Termination (1.0:1) with N male
50T-303-1.0 4.3-10.0 M	Termination (1.0:1) with 4.3-10.0 male
50T-303-1.5 N F	1.5:1 mismatch with N female
50T-303-2.0 TNC M	2.0:1 mismatch with TNC male
50T-303-3.0 TNC F	3.0:1 mismatch with TNC female
50T-303-3.2 BNC F	3.2:1 mismatch with BNC female
50T-303-3.5 BNC M	3.5:1 mismatch with BNC male
50T-303-5.0 7/16 M	5.0:1 mismatch with 7/16 male
50T-303-10.0 7/16 F	10.0:1 mismatch with 7/16 female

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
4216	03/20/2003	H	SL 03/20/2003	23288	09/30/2013	J	TRS 09/30/2013
9999	02/24/2003	G		28706	04/27/2018	K	TRS 04/27/2018
11498	07/18/2005	I	SL 07/18/2005	33787	12/05/2024	L	TRS 12/05/2024