

**SPECIFICATION SHEET**

**JFW MODEL 50T-199**

**TERMINATION**

JFW Industries, Inc.  
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Frequency Range DC-18 GHz

Impedance 50 Ohms nominal

VSWR 1.15:1 maximum DC-5 GHz  
1.25:1 maximum 5-10 GHz  
1.40:1 maximum 10-18 GHz

1.09:1 typical @ 5 GHz  
1.15:1 typical @ 10 GHz  
1.27:1 typical @ 18 GHz

RF Input Power 2 Watts average @ +25°C  
Derated linearly to 1 Watt @ +125°C

Peak Power 2500 Watts  
(5 microsecond pulse, 0.05% duty cycle)

RF Connector N male

Operating Temperature Range -65°C to +125°C

Physical Size See outline drawing 092-2268

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
3006	05/29/2002	B		12103	11/07/2005	E	SL 11/07/2005
4003	08/20/2002	C		28600	03/23/2018	F	TRS 03/23/2018
9999	02/18/2003	D	SL 05/22/2003	28948	08/14/2018	G	TRS 08/14/2018