

# SPECIFICATION SHEET

**JFW MODEL 50T-712**

## **TERMINATION**

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

Frequency Range DC-18 GHz

Impedance 50 Ohms nominal

VSWR 1.4:1 maximum  
1.04:1 typical @ 6 GHz  
1.06:1 typical @ 12 GHz  
1.16:1 typical @ 18 GHz

RF Input Power 50 Watts average @ +25°C  
Derated linearly to 0 Watt @ +125°C

Peak Power 1000 Watts  
(5 microsecond pulse, 0.1% duty cycle)

RF Connector N or SMA  
(male or female)

Temperature Range -55°C to +125°C

Optional Mounting Bracket Add "-MBK" to end of model number if you want the optional mounting brackets included

Outline Drawing Numbers 092-10185-01 (N male)  
092-10185-02 (N male with mounting brackets)  
092-10185-03 (N female)  
092-10185-04 (N female with mounting brackets)  
092-10185-05 (SMA male)  
092-10185-06 (SMA female)  
092-10185-07 (SMA male with mounting brackets)  
092-10185-08 (SMA female with mounting brackets)

### Example model numbers:

50T-712 N M (N male)  
50T-712 N F (N female)  
50T-712 SMA M (SMA male)  
50T-712 SMA F (SMA female)

50T-712 N M-MBK (N male with optional mounting brackets)  
50T-712 N F-MBK (N female with optional mounting brackets)  
50T-712 SMA M-MBK (SMA male with optional mounting brackets)  
50T-712 SMA F-MBK (SMA female with optional mounting brackets)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	10/27/2023		TRS 10/27/2023				
33463	07/16/2024	A	TRS 07/16/2024				
34040	03/20/2025	B	TRS 03/20/2025				