

Atlantic Microwave Terminations - Medium Power Type N



Operating frequency range DC - 18.0GHz



Convection Cooled



Low VSWR



5 - 50 Watts

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General Specifications	
Impedance	50 ohms
Housing	Anodised Aluminium
Connectors	Type N SMA Stainless Steel to MIL-C-39012
Operating Temperature	-65C +125C

Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.
 Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

Model No	Frequency Range (GHz)	Connector Type	VSWR (:1 max.)			Input Power (Watts avg.)		Peak Power (Watts max.)	Fig	
			DC-4GHz	4-6GHz	6-12.4GHz	12.4-18GHz	25C			125C
5 Watts										
TN06W5-M	DC-6.0	N Male	1.1	1.15	-	-	5	1	250	1
TN06W5-F	DC-6.0	N Female	1.1	1.15	-	-	5	1	250	2
TN18W5-M	DC-18	N Male	1.1	1.15	1.2	1.25	5	1	250	1
TN18W5-F	DC-18	N Female	1.1	1.15	1.2	1.25	5	1	250	2
10 Watts										
TN06W10-M	DC-6.0	N Male	1.2	-	-	-	10	2	250	3
TN06W10-F	DC-6.0	N Female	1.2	-	-	-	10	2	250	4
TN18W10-M	DC-18	N Male	1.2	-	1.3	1.4	10	2	250	3
TN18W10-F	DC-18	N Female	1.2	-	1.3	1.4	10	2	250	4
25 Watts										
TN06W25-M	DC-6.0	N Male	1.2	-	-	-	25	5	500	5
TN06W25-F	DC-6.0	N Female	1.2	-	-	-	25	5	500	6
TN18W25-M	DC-18	N Male	1.2	-	1.3	1.4	25	5	500	5
TN18W25-F	DC-18	N Female	1.2	-	1.3	1.4	25	5	500	6
50 Watts										
TN06W50-M	DC-6.0	N Male	1.25	-	-	-	50	10	500	7
TN06W50-F	DC-6.0	N Female	1.25	-	-	-	50	10	500	8
TN18W50-M	DC-18	N Male	1.25	-	1.35	1.45	50	10	500	7
TN18W50-F	DC-18	N Female	1.25	-	1.35	1.45	50	10	500	8

Fig	Conn.	Dimensions inches (mm)			
		Length (L)	Diameter (D)	Width (W)	Height (H)
1	N Male	1.15 (29.2)	0.61 (15.5)		
2	N Female	1.24 (31.5)	0.61 (15.5)		
3	N Male	1.64 (41.7)	1.0 (25.4)		
4	N Female	1.73 (43.82)	1.0 (25.4)		
5	N Male	3.74 (95.0)		2.65 (67.31)	2.65 (67.31)
6	N Female	3.82 (97.0)		2.65 (67.31)	2.65 (67.31)
7	N Male	3.74 (95.0)		3.50 (88.90)	2.65 (67.31)
8	N Female	3.82 (97.0)		3.50 (88.90)	2.65 (67.31)

