

# Terminations - Medium Power

## Type N

- 5 - 50 Watts
- DC - 18.0GHz
- Convection Cooled
- Low VSWR



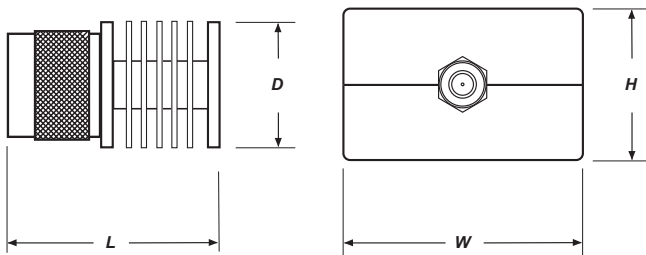
### General Specifications

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

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		
<b>5 Watts</b>										
TN06W5-M	DC-6.0	N Male	1.10	1.15	-	-	5	1	250	1
TN06W5-F	DC-6.0	N Female	1.10	1.15	-	-	5	1	250	2
TN18W5-M	DC-18	N Male	1.10	1.15	1.20	1.25	5	1	250	1
TN18W5-F	DC-18	N Female	1.10	1.15	1.20	1.25	5	1	250	2
<b>10 Watts</b>										
			<b>DC-6GHz</b>		<b>6-12.4GHz</b>	<b>12.4-18GHz</b>				
TN06W10-M	DC-6.0	N Male	1.20		-	-	10	2	250	3
TN06W10-F	DC-6.0	N Female	1.20		-	-	10	2	250	4
TN18W10-M	DC-18	N Male	1.20		1.30	1.40	10	2	250	3
TN18W10-F	DC-18	N Female	1.20		1.30	1.40	10	2	250	4
<b>25 Watts</b>										
			<b>DC-6GHz</b>		<b>6-12.4GHz</b>	<b>12.4-18GHz</b>				
TN06W25-M	DC-6.0	N Male	1.20		-	-	25	5	500	5
TN06W25-F	DC-6.0	N Female	1.20		-	-	25	5	500	6
TN18W25-M	DC-18	N Male	1.20		1.30	1.40	25	5	500	5
TN18W25-F	DC-18	N Female	1.20		1.30	1.40	25	5	500	6
<b>50 Watts</b>										
			<b>DC-6GHz</b>		<b>6-12.4GHz</b>	<b>12.4-18GHz</b>				
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

### Option:

- Higher power versions are also available, please consult factory.



Outline is a typical illustration only, the number of fins varies from model to model.

For detailed outlines please consult factory

Fig	Connector	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)

We reserve the right to change standard product specifications without notice but will be pleased to consider control drawings for quotation.