

Terminations - Medium Power SMA

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

General Specifications

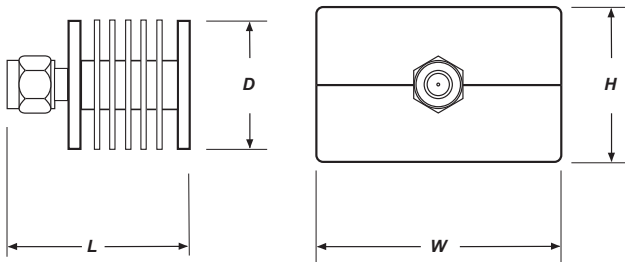
Impedance	50 ohms
Housing	Anodised Aluminium
Connectors	SMA Stainless Steel to MIL-C-39012
Operating Temperature	-65C +125C



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		
5 Watts										
TA06W5-M	DC-6.0	SMA Male	1.10	1.15	-	-	5	1	500	1
TA06W5-F	DC-6.0	SMA Female	1.10	1.15	-	-	5	1	500	2
TA18W5-M	DC-18	SMA Male	1.10	1.15	1.20	1.25	5	1	500	1
TA18W5-F	DC-18	SMA Female	1.10	1.15	1.20	1.25	5	1	500	2
10 Watts										
			DC-6GHz		6-12.4GHz		12.4-18GHz			
TA06W10-M	DC-6.0	SMA Male	1.20		-	-	10	2	500	3
TA06W10-F	DC-6.0	SMA Female	1.20		-	-	10	2	500	4
TA18W10-M	DC-18	SMA Male	1.20		1.30	1.40	10	2	500	3
TA18W10-F	DC-18	SMA Female	1.20		1.30	1.40	10	2	500	4
25 Watts										
			DC-6GHz		6-12.4GHz		12.4-18GHz			
TA06W25-M	DC-6.0	SMA Male	1.20		-	-	25	0.5	500	5
TA06W25-F	DC-6.0	SMA Female	1.20		-	-	25	0.5	500	6
TA18W25-M	DC-18	SMA Male	1.20		1.30	1.40	25	0.5	500	5
TA18W25-F	DC-18	SMA Female	1.20		1.30	1.40	25	0.5	500	6
50 Watts										
			DC-6GHz		6-12.4GHz		12.4-18GHz			
TA06W50-M	DC-6.0	SMA Male	1.25		-	-	50	10	500	7
TA06W50-F	DC-6.0	SMA Female	1.25		-	-	50	10	500	8
TA18W50-M	DC-18	SMA Male	1.25		1.35	1.45	50	10	500	7
TA18W50-F	DC-18	SMA 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	SMA Male	0.91 (23.1)	0.61 (15.5)		
2	SMA Female	0.78 (19.8)	0.61 (15.5)		
3	SMA Male	1.40 (35.6)	1.0 (25.4)		
4	SMA Female	1.27 (32.3)	1.0 (25.4)		
5	SMA Male	3.49 (88.6)		2.65 (67.31)	2.65 (67.31)
6	SMA Female	3.36 (85.3)		2.65 (67.31)	2.65 (67.31)
7	SMA Male	3.49 (88.6)		3.50 (88.90)	2.65 (67.31)
8	SMA Female	3.36 (85.3)		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.