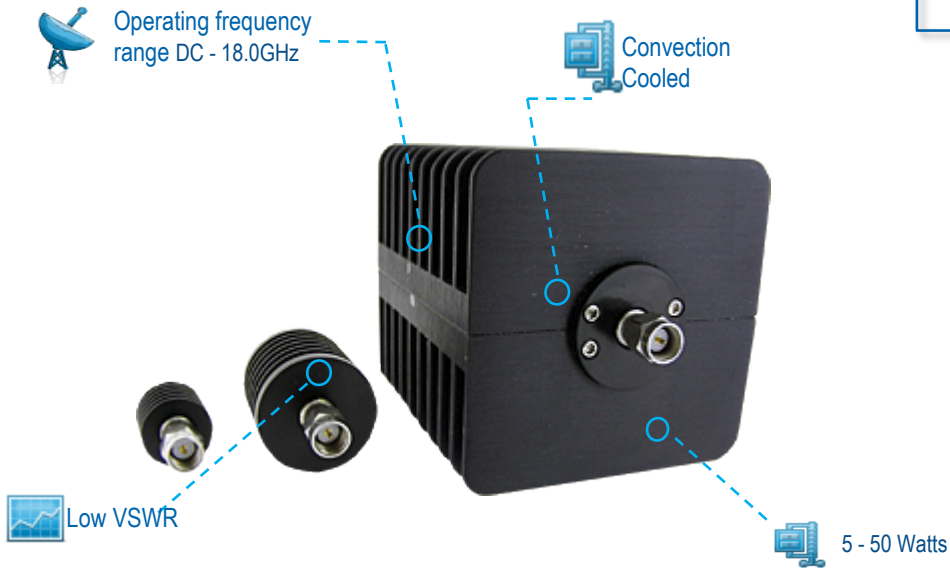


Atlantic Microwave Terminations - Medium Power SMA

- 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

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-6GHz	4-6GHz	6-12.4GHz	12.4-18GHz	25C			125C
5 Watts			DC-6GHz	4-6GHz	6-12.4GHz	12.4-18GHz				
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

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)

