

Convection Cooled Loads

- Self cooling design, needs no cooling plate
- Frequencies up to 18 GHz
- Fully shielded against production of extraneous radiation
- Load requires no AC power
- Rugged Construction
- Broadband Operation

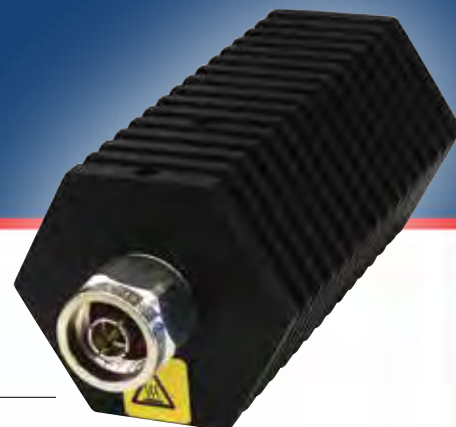


Coolant Method	Dry, Convection Cooled	Ambient Temperature	-40°C to 40°C
Impedance	50 Ohm	AC Power	None**
Operating Position	Any		

	Power Rating	Connector	VSWR & Frequency Range	Dimensions (LxWxH)	Weight	Finish
2-T	2 W	SMA, BNC, 7/16 DIN, N, TNC	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 4 GHz	2.9" x 1.4" Dia 74 x 36 Dia. mm	4.6 oz. 131 g	Tri-alloy
2-NT	2 W	BNC, 7/16 DIN, N, TNC	1.10:1 from DC to 1 GHz 1.15:1 from 1 to 3 GHz	2.9" x 1.4" Dia 74 x 36 Dia. mm	4.6 oz. 131 g	
2-18T	2 W	SMA, N	1.20:1 from DC to 12.4 GHz 1.25:1 from 12.4 to 18 GHz	1.0" x 0.9" Dia. 26 x 23 Dia. mm	2.0 oz. 57 g	Stainless Steel
5-T	5 W	BNC, 7/16 DIN, N, TNC, 4.1/9.5	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 4 GHz	2.9" x 1.4" Dia 74 x 36 Dia. mm	4.6 oz. 131 g	Tri-alloy
5-NT	5 W	BNC, 7/16 DIN, N, TNC	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 3 GHz	2.9" x 1.4" Dia 74 x 36 Dia. mm	4.6 oz. 131 g	
5-18T	5 W	SMA, N	1.15:1 from DC to 4 GHz 1.25:1 from 4 to 12.4 GHz 1.35:1 from 12.4 to 18 GHz	1.4" x 0.9" Dia. 36 x 23 Dia. mm	2.0 oz. 57 g	Stainless Steel
10-T	10 W	SMA, BNC, 7/16 DIN, N, TNC, 4.1/9.5	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 4 GHz	2.6" x 2.3" Dia. 67 x 59 Dia. mm	3 oz. 86 g	Black Anodized Aluminum
10-NT	10 W	BNC, 7/16 DIN, N, TNC	1.10:1 from DC to 1 GHz 1.15:1 from 1 to 3 GHz	2.2" x 2.3" Dia. 56 x 59 Dia. mm	5.9oz. 168 g	
10-18T	10 W	SMA, N	1.15:1 from DC to 4 GHz 1.25:1 from 4 to 12.4 GHz 1.35:1 from 12.4 to 18 GHz	1.7" x 1.0" Dia. 44 x 26 Dia. mm	2.0 oz. 57 g	
25-T	25 W	SMA, BNC, 7/16 DIN, N, TNC, 4.1/9.5	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 4 GHz	5.3" x 2.3" Dia. 135 x 59 Dia. mm	7 oz. 199 g	Black Anodized Aluminum
25-NT	25 W	BNC, 7/16 DIN, N, TNC	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 3 GHz	4.9" x 2.3" Dia. 125 x 59 Dia. mm	7 oz. 199 g	
25-6T	25 W	SMA, N	1.20:1 from DC to 6 GHz	3.5" x 2.3" x 2.3" 89 x 59 x 59 mm	14.0 oz. 397 g	
25-18T	25 W	SMA, N	1.20:1 from DC to 6 GHz 1.30:1 from 6 to 12.4 GHz 1.40:1 from 12.4 to 18 GHz	3.5" x 2.3" x 2.3" 89 x 59 x 59 mm	14.0 oz. 397 g	

**1500 W models require 115/230V AC power

Convection Cooled Loads



CONVECTION COOLED LOAD PART NUMBER DEFINITION

POWER RATING (WATTS)	PRODUCT TYPE	CONNECTOR GENDER	CONNECTORS*
See chart below for models	T, WT – Convection-cooled CT – Conduction-cooled ST – Square Convection Cooled	F – Female M – Male	A – SMA B – BNC E – IEC 7/16 N – N T – TNC

*Call for custom connector options not shown in this catalog

	Power Rating	Connector	VSWR & Frequency Range	Dimensions (LxWxH)	Weight	Finish
50-T	50 W	SMA, BNC, 7/16 DIN, N, TNC, 4.1/9.5	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 4 GHz	5.3" x 2.3" Dia. 135 x 59 Dia. mm	1.3 lbs. 590 g	Black Anodized Aluminum
50-NT	50 W	BNC, 7/16 DIN, N, TNC	1.10:1 from DC to 1 GHz 1.15:1 from 1 to 3 GHz	5.3" x 2.3" Dia. 135 x 59 Dia. mm	1.2 lbs. 545 g	
50-6T	50 W	N	1.20:1 from DC to 6 GHz	4.0" x 3.0" x 3.0" 102 x 77 x 77 mm	1.6 lbs. 726 g	
50-18T	50 W	N	1.25:1 from DC to 6 GHz 1.35:1 from 6 to 12.4 GHz 1.45:1 from 12.4 to 18 GHz	4.0" x 3.0" x 3.0" 102 x 77 x 77 mm	1.6 lbs. 726 g	
75-T	75 W	BNC, 7/16 DIN, N, TNC	1.10:1 from DC to 1 GHz 1.20:1 from 1 to 3 GHz	7.2" x 2.3" Dia. 183 x 59 Dia. mm	1.5 lbs. 682 g	
100-T	100 W	BNC, 7/16 DIN, N, TNC	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 3 GHz	6.8" x 6.4" x 2.6" 173 x 163 x 67 mm	3.6 lbs. 1.6 kg	
100-ST	100 W	BNC, 7/16 DIN, N, TNC, 4.1/9.5	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 4 GHz	7.4" x 2.8" x 2.8" 188 x 72 x 72 mm	2.7 lbs. 1.2 kg	
100-NST	100 W	BNC, 7/16 DIN, N, TNC	1.10:1 from DC to 1 GHz 1.20:1 from 1 to 3 GHz	7.3" x 2.8" x 2.8" 186 x 72 x 72 mm	2.7 lbs. 1.2 kg	
100-6T	100 W	N	1.20:1 from DC to 2 GHz 1.30:1 from 2 to 4 GHz 1.40:1 from 4 to 6 GHz	5.5" x 3.5" x 3.8" 140 x 89 x 97 mm	2.2 lbs. 1.0 kg	
150-T	150 W	BNC, 7/16 DIN, N, TNC	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 3.0 GHz	6.8" x 11.5" x 2.6" 173 x 293 x 67 mm	6.0 lbs. 2.8 kg	
150-ST	150 W	BNC, 7/16 DIN, N, TNC, 4.1/9.5	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 3.0 GHz	8.1" x 4.0" x 4.0" 206 x 102 x 102 mm	5.0 lbs. 2.3 kg	
150-WT	150 W	BNC, 7/16 DIN, N, TNC	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 3 GHz	4.9" x 5.4" x 4.8" 125 x 138 x 122 mm	2.5 lbs. 1.2 kg	
300-T	300 W	BNC, 7/16 DIN, N, TNC	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 3 GHz	7.4" x 5.4" x 10.9" 188 x 138 x 277 mm	11.5 lbs. 5.3 kg	
300-WT	300 W	BNC, 7/16 DIN, N, TNC	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 3 GHz	8.2" x 5.4" x 4.8" 209 x 138 x 122 mm	4.7 lbs. 2.2 kg	
500-WT	500 W	7/16 DIN, N	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 3 GHz	11.0" x 5.4" x 4.8" 280 x 138 x 122 mm	7.8 lbs. 3.6 kg	
600-T	600 W	7/16 DIN, N	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 3 GHz	12.4" x 9.6" x 7.4" 315 x 244 x 188 mm	21.5 lbs. 9.8 kg	
1000-T	1000 W	7/16 DIN, N	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 3 GHz	12.3" x 9.6" x 12.8" 313 x 244 x 326 mm	26.5 lbs. 12.0 kg	
1000-WT	1000 W	7/16 DIN, N	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 3 GHz	18.5" x 10.6" x 4.8" 470 x 270 x 122 mm	26.5 lbs. 12.0 kg	
1500-WT**	1500 W	7/16 DIN, N	1.10:1 from DC to 1 GHz 1.25:1 from 1 to 2.4 GHz	20" x 10.6" x 6.0" 508 x 270 x 152 mm	30.0 lbs. 13.6 kg	

**1500 W Models require 115/230V AC Power