

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

Impedance 50 Ohm

Ambient Temperature -40°C to 40°C

AC Power None

	Power Rating	Connector	VSWR & Frequency Range	Dimensions (LxWxH)	Weight	Finish
2T	2W	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	2W	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	2W	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	5W	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	5W	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	5W	SMA, N	1.15:1 from DC to 4 GHz 1.25:1 from 4 to 12.4 GHz	1.4" x 0.9" Dia. 36 x 23 Dia. mm	2.0 oz. 57 g	Stainless Steel
10-T	10W	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	10W	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	10W	N	1.20:1 from DC to 12.4 GHz 1.25:1 from 12.4 to 18 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	25W	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	
25-NT	25W	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	25W	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	25W	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	

Convection Cooled Loads

MODEL NOMENCLATURE

Use this Model Number Definition to specify part numbers when ordering T, ST, WT, and CT Series dry loads.

Power Rating (Watts)	Product Type	Connector Gender	Connectors*
	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 12.4 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	
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 3 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 2.4 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 2.4 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 2.4 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 2.4 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 2.4 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 2.5 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 2.4 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 2.4 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 2.4 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	20.0" x 10.6" x 6.0" 508 x 270 x 152 mm	30.0 lbs. 13.6 kg	