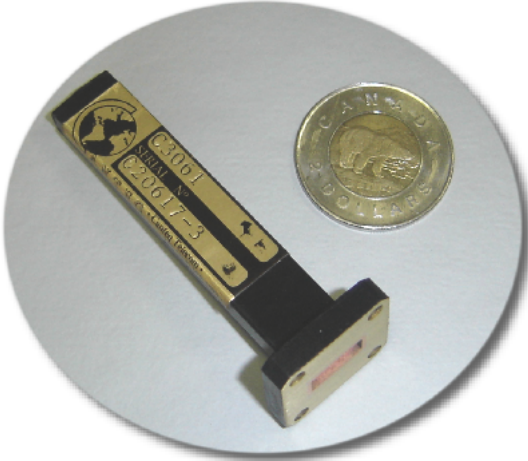
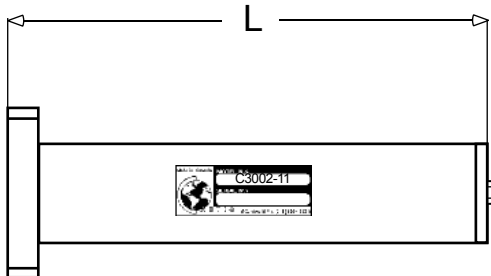


Low Power Precision Terminations Series

Canteq manufactures low power precision terminations (loads) which are designed to terminate a transmission line or Device Under Test (DUT) with the lowest possible reflection over the operating frequency band. The termination element is custom machined with a special tapered dissipating dielectric. Typical VSWR is 1.02 over the full waveguide bandwidth. See table below for detail specifications.



PRECISION TERMINATION					
Model No	Length "L"	W/G (WR)	Freq. Range (GHz)	Power (Watts)	VSWR (Max.)
C3002-1	17.50	284	2.60-3.95	3.0	1.020
C3002-2	9.00	229	3.30-4.90	3.0	1.020
C3002-3	8.50	187	3.95-5.85	3.0	1.020
C3002-4	7.00	159	4.90-7.05	2.0	1.020
C3002-5	6.00	137	5.85-8.20	2.0	1.020
C3002-6	6.00	112	7.05-10.00	1.0	1.020
C3002-7	5.00	90	8.20-12.40	1.0	1.025
C3002-8	4.50	75	10.00-15.00	1.0	1.025
C3002-9	4.00	62	12.40-18.00	1.0	1.030
C3002-10	3.50	51	15.00-22.00	0.5	1.035
C3002-11	2.50	42	18.00-26.50	0.5	1.040
C3002-12	2.50	34	22.00-33.00	0.5	1.045
C3002-13	2.50	28	22.00-33.00	0.5	1.050



How to order the right part:
 Specify the model number according to the required frequency, waveguide size and Power.

Example	
Model No	Flange
C3002-5	2

Thus Canteq Model No. C3002-5-2 is:

a WR137 load with an operating frequency of 5.85 to 8.20 GHz,

with a CPR-F Flange.

*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

C3000 High Power Terminations Series

Canteq supplies low, medium and high power Terminations. Our Terminations (also commonly known as loads) are designed to terminate a transmission line with the lowest possible reflection over the operating frequency band. Our high power terminations are extremely compact due to the combination of a special high temperature ceramic made of silicone carbide and a special coupling technique, which presents uniform power absorption. This has as an effect, the elimination of "hot spots" inside the termination, which avoids the risk of arcing. An aluminium alloy heat-conducting housing is mounted directly on top of the absorbing element in order to dissipate the heat quickly and effectively. Only normal air convection is required to control the load temperature.



HIGH POWER TERMINATION				
Model No	Length "L"	W/G (WR)	Freq. Range (GHz)	Power (Watts)
C3067	24	430	1.70-2.40	2.0k
C3061	11	137	5.85-6.625	1.5k
C3062	12	137	5.85-6.625	1.5k
C3063	20	137	5.85-6.625	3.0k
C3066	20	137	5.85-8.20	3.0k
C3065	12	112	7.90-8.40	1.0k
C3071	20	112	7.90-8.40	3.0k
C3068	15	75	14.0-14.5	2.0k
C3069	7.5	75	14.0-14.5	500
C3070	11.5	75	14.0-14.5	1.0k
C3072	15	62	14.0-14.5	2.0k
C3073	11.5	62	14.0-14.5	1.0k
C3074	7.5	62	14.0-14.5	500
C3075	16	62	16.71-16.80	2K
C3080	8.10	34	29.25-30.0	500
C3085	12.5	28	29.25-30.0	1000
C3036	8.25	28	29.25-30.0	150

New!

How to order the right part:

Specify the model number according to the required frequency, waveguide size and Power.

Example

Model No	Flange
C3063	2

Thus **Canteq** Model No. **C3063-2** is:

a WR137 3 kW load with an operating frequency of 5.85 to 6.425 GHz,

with a CPR-F Flange.

*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE