



Mechanical specifications

- Connectors
 - Brass Nickel Plated
 - Male Pin
 - Female Pin
 - Housing
 - Tem Range
 - Dimensions
 - Weight
- Brass Gold Plated
 - Beryllium Copper Gold Plated
 - Aluminium Back Anodize
 - 55°C - +125°C
 - Ø62mm x 170mm
 - 0.75 kg (packed)

AVERAGE POWER: 100W average to 25°C ambient temperature. derated linearly to 10W @125°C, fan or better cooling may be required to run on full load and long loading time.

PEAK POWER: 10kW (5µs pulse width 5% duty cycle)

3rdORDER INTERMODULATION (Optional) : Reflected
 Is (IM3) <-100dbc with two input signals@935MHz
 960MHz with average carrier power levels of 43dBm

ELECTRICAL SPECIFICATIONS

Model	Frequency Range(GHz)	Max VSWR
ATF100-2-L	DC-2	<1.20
ATF100-4-L	DC-4	<1.25
ATF100-6-L	DC-6	<1.30
ATF100-8-L	DC-8	<1.35

RACOMTECH PTY LTD

web: www.racomtech.com ABN: 51687385403
 Tel: +64-3-88029296
 Fax: +64-3-88027695
 email: sales@racomtech.com.au
info@racomtech.com

TOLERANCE GROUP (UNLESS NOTED OTHERWISE)	
LINEAR	ANGULAR
X = ±0.5	X° = ±1.0°
XX = ±0.25	XX° = ±0.5°
XXX = ±0.125	XXX° = ±0.25°

3RD ANGLE PROJECTION	

DRAWING		TITLE	
DATE	01-08-2010	RF COAXIAL TERMINATION 100W 50OHM ATF-100-8GHZ-L (Cylindrical)	
DESIGN CHECK		MATERIAL	FINISH
MECH CHECK			
ELEC CHECK	Y.C.		
APPROVED			
* DIMENSIONS IN MILLIMETERS UNO		PARTS No	
* DRAWINGS PRACTICES TO AS 1100		04-0221	
* DO NOT SCALE - IF IN DOUBT ASK		A4	

SCALE 1:2.5 SHEET No 1 OF 1