



Specification:

Impedance: 50ohm
 Frequency: DC-4GHz
 VSWR: <1.25 (full band)
 Power (average): 100W
 Connector: N (Male)

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 Levels (IM3) <-100dbc with two input signals@935MHz and 960MHz with average carrier power levels of 43dBm each

MECHANICAL SPECIFICATIONS

Connectors Brass Nickel Plated
 Male Pin Brass Gold Plated
 Female Pin Beryllium Copper Gold Plated
 Housing Aluminium Black Anodized
 Temp Range -55*~ +125*
 Dimensions 230mm x 75mm x85mm
 Weight 1.8kg

RACOMETECH PTY LTD

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

TOLERANCE GROUP		(UNLESS NOTED OTHERWISE)	
LINEAR	ANGULAR	3RD ANGLE PROJECTION	
X	X*	+/-0.5	+/-1.0°
XX	XX*	+/-0.2	+/-0.5°
XXX	XXX*	+/-0.05	

DRAWING	
DATE	
DESIGN CHECK	
MECH CHECK	
ELEC CHECK	
APPROVED	

* DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED
 * DRAWING PRACTICES TO AS 1100
 * DO NOT SCALE - IF IN DOUBT ASK

TITLE		PARTS No	
RF COAXIAL TERMINATION 100W 50OHM		04-0206	
MATERIAL		FINISH	
SCALE 1:1		PARTS No	
SHEET No 1 OF 1		A4	