



## Mechanical specifications

## Connectors

Male Pin

## Female Pin

## Housing

Tem Range

## Dimensions

Weight

Brass Trimetal  
Brass Gold Plated  
Beryllium Copper Gold Plated  
Aluminium Back Anodize  
-55°C - +125°C  
253mm x 75mm x 85mm  
1.70 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 (5 $\mu$ s pulse width 1% duty cycle)

3rdORDER INTERMODULATION (Optional): Reflected Levels (1M3) <-100dbc with two input signals@935MHz and 960MHz with average carrier power levels of 43dBm each

Model	Frequency (GHz)	Power AVG(W)	Max VSWR
ATF-100W-4GHz-DIN	DC-4	100	<=1.25

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TOLERANCE GROUP		
(UNLESS NOTED OTHERWISE)		
LINEAR	ANGULAR	
X	=	+/-0.5
XX	=	+/-0.2
XXX	=	+/-0.05
	X*	=
	XX*	=
	XXX*	=



3RD ANGLE  
PROJECTION

DRAWN	D.W
DATE	01-08-2010
DRG. CHECK	
MECH. CHECK	
ELEC. CHECK	Y.C
APPROVED	

\* DIMENSIONS IN MILLIMETERS U.N.O  
\* DRAWINGS PRACTICES TO AS 1100  
\* DO NOT SCALE - IF IN DOUBT ASK

TITLE				RF TERMINATION 100W 50OHM ATF-100-4GHz-DIN	
MATERIAL		FINISH			
SCALE	1:2.5	SHEET NO	1 OF 1	PARTS NO	04-0206
					A4