



Mechanical specifications

- | | |
|------------|------------------------------|
| Connectors | Brass Nickel Plated |
| Male Pin | Brass Gold Plated |
| Female Pin | Beryllium Copper Gold Plated |
| Housing | Aluminium Back Anodize |
| Tem Range | -55°C - +125°C |
| Dimensions | Ø62mm x 180mm |
| Weight | 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: 5kW (5µs pulse width 2% duty cycle)

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

Model	Frequency Range(GHz)	Attenuation & Accuracy (dB)				Power Avg(W)	Max VSWR
		10	20	30	40		
ATS-100W-8GHz-XX	DC-8	±1.5	±1.5	±1.20	±1.20	100	<1.35

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TOLERANCE GROUP ²		(UNLESS NOTED OTHERWISE)	
LINEAR	ANGULAR		
X = ±0.5	X* = ±1.0*		
XX = ±0.2	XX* = ±0.5*		
XXX = ±0.05	XXX* = ±0.05*		

3RD ANGLE PROTECTION

DRAWN	DATE	DW
DATE CHECK	01-08-2010	
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 COAXIAL ATTENUATOR 100W 500OHM			
ATS-100-8GHz-XX-L (Cylindrical)			
MATERIAL	FINISH	SHEET No	PARTS No
		1 OF 1	04-0116
SCALE		PARTS No	
1:2.5		04-0116	
			A4

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