



Mechanical specifications

- Connectors
Male Pin
Female Pin
Housing
Tem Range
Dimensions
Weight
- Brass Nickel Plated
Brass Gold Plated
Beryllium Copper Gold Plated
Aluminium Back Anodize
-55°C - +125°C
Ø48mm x 87mm
0.29 kg (packed)

AVERAGE POWER: 20W average to 25°C ambient temperature, derated linearly to 2W @125°C, fan or better cooling may be required to run on full load and long loading time.

PEAK POWER: 1kW (5µs pulse width 2% 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 Range(GHz)	Attenuation & Accuracy (dB)				Power AVG(W)	Max VSWR
		1-9	10	20	30		
ATS-020W-4GHz-XX	DC-4	±0.75	±0.75	±0.75	±0.80	±1.20	≤1.30
ATS-020W-8GHz-XX	DC-8	±0.80	±0.75	±0.80	±1.00	±1.30	≤1.35
ATS-020W-12.4GHz-XX	DC-12.4	±1.00	±0.80	±1.00	±1.20	±1.50	≤1.35

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TOLERANCE GROUP ² (UNLESS NOTED OTHERWISE)	
LINEAR	ANGULAR
X = ±0.5 XX = ±0.2 XXX = ±0.05	X* = ±1.0° XX* = XXX* =
	3RD ANGLE PROTECTION

DRAWN	DWG
DATE	01-08-2010
DESK CHECK	
MESH 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 ATTENUATOR 20W 500HM	
ATS-020-12.4GHz-XX (Cylindrical)	
MATERIAL	FINISH
SCALE	SHEET No
1:2.5	1 OF 1
	PARTS No
	04-0105
	A4