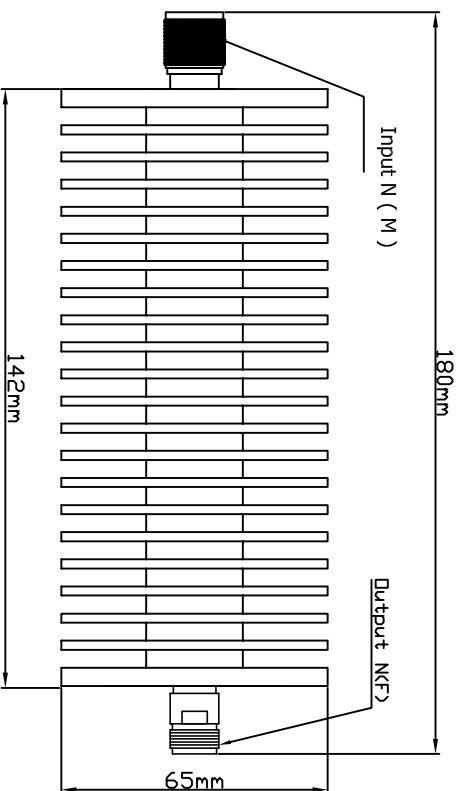


Mechanical specifications

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)

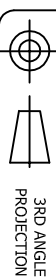
3rdORDER INTERMODURATION (Optional): Reflected Levels (IM3) <-100dbc with two input signals@935MHz and 960MHz with average carrier power levels of 43dBm each

Model	Frequency Range(GHz)	Attenuation & Accuracy (db)				Power AVG(W)	Max VSWR
		10	20	30	40		
ATS-100W-4GHz-XX	DC- 4.0	±1.5	±1.5	±1.20	±1.20	100	<1.35

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info@racomtech.com

TOLERANCE GROUP ²		(UNLESS NOTED OTHERWISE)	
LINEAR	ANGULAR		
X =	X* =	±/-1.0*	
XX =	XX* =	±/-0.5*	
XXX =	XXX* =	±/-0.25	



DATE	DWG
01-08-2010	
DATE	DWG
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DATE	DWG
01-08-2010	

TITLE	RF COAXIAL ATTENUATOR 100W 500HM
ATS-100W-4GHz-XX-L (Cylindrical)	
MATERIAL	FINISH
SCALE	1:2.5
SHEET No	1 OF 1
PARTS No	04-0108
A4	