


DATASHEET



ELECTRICAL SPECIFICATIONS:

Attenuation range (dB)				
6 - 10 (±1.0)	20 (±1.5)	30 (±0.9)	40 (±0.9)	50, 60 (±1.0)
Frequency range	dc - 6 GHz			
Impedance	50 Ω			
VSWR	≤ 1.25			
Peak power	5 kW (5 μsec pulse width, 0.5% duty cycle)			
Input AVG power	100 W @ 25 °C ambient derating linearly to 10 W @ 100 °C			
Direction	Bidirectional (see configurations)			

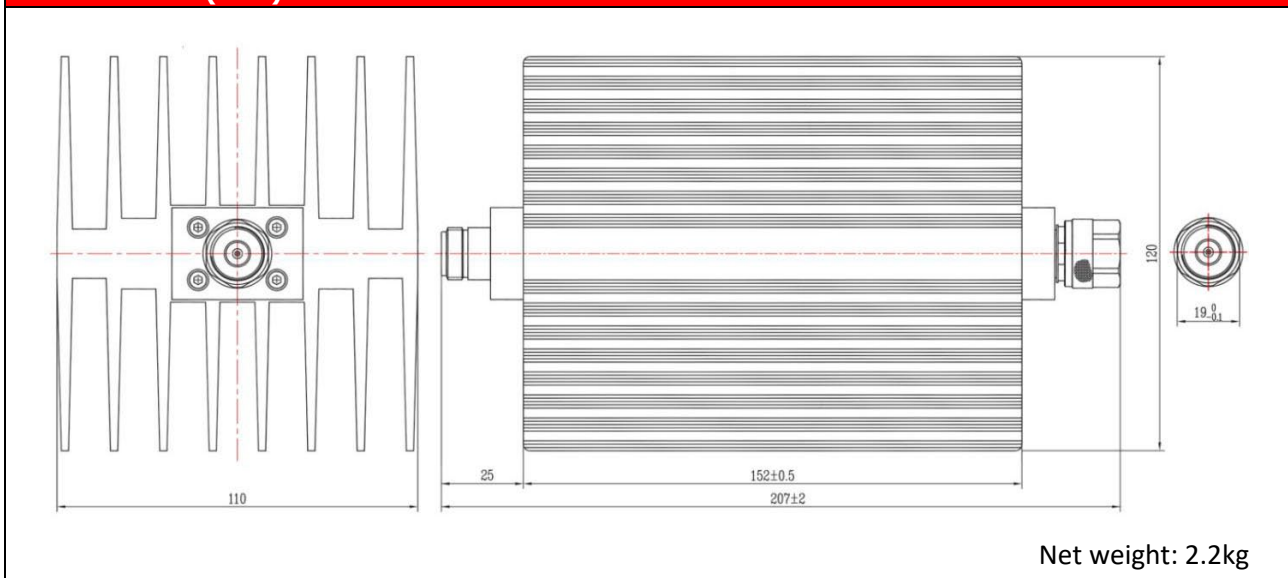
ENVIRONMENTAL:

Operating temperature	-55 / +100 °C	
Storage temperature	-55 / +125 °C	
Temperature coefficient	<0.0004 dB/dB/°C	

MATERIAL SPECIFICATIONS:

	Materials	Finishes
Connector body	Brass	Ternary alloy
Center contact	BeCu / Brass	Gold plated
Heat sink	Aluminium	Anodized (black)

DIMENSIONS (mm):



CONFIGURATIONS:

ATN-XX100-06B	Connectors: N male – N female
ATN-XX100M-06B	Connectors: N male – N male
ATN-XX100F-06B	Connectors: N female – N female