

AT2265 50Ω 22W 10~40dB DC~69GHz
1.85mm High Performance 50Ohm Stainless Steel Attenuator



Ver A/0 Release Date March 2018

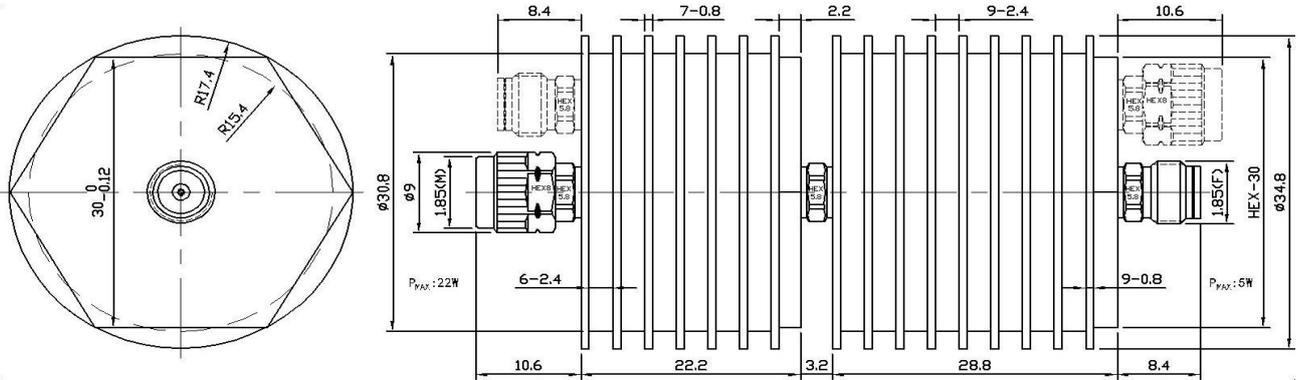
P/N:AT2265

Features

- DC~69GHz Frequency Range
- Max Power 22W
- VSWR < 1.88 < 1.65 < 1.42 < 1.28
C-Class B-Class A-Class S-Class

Applications

- Miniature Size
- 1.85mm Interfaces
- Instrumentation
- Precision measurements
- Prototyping and characterization
- Production systems



Mechanical & Environmental Specifications

Outer Conductor	Coupling Nut	Passivated Stainless Steel	Temp. Range	Storage	-55°C~125°C
	Radiator	Black Anodized Aluminum	Working Temp.		-55°C~100°C
Inner Conductor	Male	Beryllium Copper Gold plated(≥ 1.27μ m)	Altitude	Storage	< 15300 Meters
	Female	Beryllium Copper Gold plated(≥ 1.27μ m)	Working Temp.		< 4800 Meters
Weight		115 g			

Electrical Specifications

Model	Frequency Range(GHz)	Attenuation(dBc) and accuracy				Return Loss(dB)
		10	20	30	40	
AT2265C-XX	DC~67GHz	-2.8/+3.2	-2.0/+2.8	-2.0/+2.5	-2.0/+2.5	-10.3
AT2265B-XX	DC~67GHz	-2.5/+3.2	-2.0/+2.5	-2.0/+2.2	-2.0/+2.2	-12.2
AT2265A-XX	DC~67GHz	-2.5/+3.0	-1.8/+2.5	-1.8/+2.2	-1.8/+2.2	-15.2
AT2265S-XX	DC~67GHz	-2.2/+3.0	-1.8/+2.2	-1.8/+2.0	-1.8/+2.0	-18.2

XX refers to decrease value,C,B,A,S are average power of performance level.Temperature coefficient 0.0002dB/dB/°C.

Power sensitivity:0.001dB/dB/W.Average power: the ambient temperature corresponding to maximum 22W power is 25°C.

When temperature is up to 100°C.The power decreases linearly to 2W or 0.5W

Peak power: Max power 50W (Maximum 5 μ s pulse width, maximum 10% or 4% duty cycle)

Working time: no air cooling, ≤ 5 minutes; with air cooling, air volume ≥ 12CFM, long-term work

Remark

- 1、 All physical dimensions are in mm and the tolerance is ± 1%
- 2、 The network analyzer tests in the whole frequency band, 100% electrical performance test.
- 3、 Special connectors and special attenuation can be customized according to customer requirements

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