

Attenuator

AATDC40GSMPFMxdB

Revision record

Date	Version	Author	Revision description	Comment
2024/09/10	V1.0	Vivian	Created	/

Electrical specification

Parameter	Specification			
Frequency Range	DC~40GHz			
VSWR	:1			
Return Loss	<1.30(-17.7)dB			
Attenuation	1-3dBc	4-8dBc	9-15dBc	16-20dBc
Accuracy	-0.6+0.6dBc	-0.6+0.7dBc	-0.7+0.7dBc	-0.8+0.8dBc
Impedance	50Ω			
Power	1W			
Storage Temperature	-55°C~+125°C			
Operating Temperature	-55°C~+100°C			

Mechanical specification

Parameter	Specification
Dimension	As shown as below
Connector type	SMP-Female / SMP-Male
Outer conductor	Positive: Passivation of stainless steel Negative: Copper plated ternary alloy
Inner conductor	Positive: Beryllium bronze gilding(Au ≥1.27μm) Negative: Beryllium bronze gilding(Au ≥1.27μm)
Weight	2.5g
Altitude	Storage:<15300m Operate: <4800m
Notes	Material shall be RoHS 6/6

Outline

