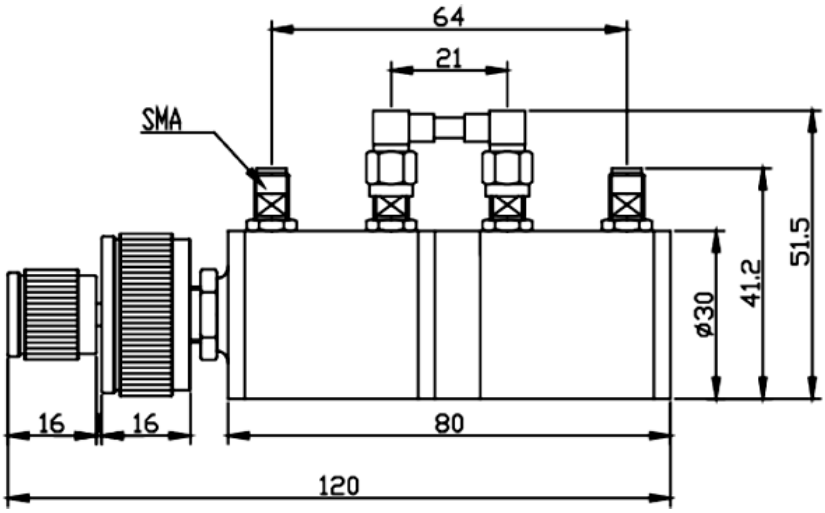
RADITEK INC.

RoHS COMPLIANT

Code -h14

Variable/Step Attenuator, DC-6GHz, full or split bands

(0-100dB) 1dB step, SMA or N Connector, 2 or 10Watts



Unit: mm
Dimensions Tolerance ±2%
Note: *N Connector option Dimension is 47.6mm

Order Examples: RVATTN-DC-6-(0-70dB) 1dB step-SMAf-2W-h14
Description: (Variable/Step Attenuator, DC-6GHz, 0-70dB in 1dB step, SMA Female Connector, 2 Watts)

Frequency Range (GHz)	Attenuation Step Size	Max VSWR		Insertion Loss (dB)	Attenuation Accuracy (dB)
		SMA	N		
DC-2.5	0-11dB in 0.1dB steps	1.30:1	1.45:1	≤1.0	±0.2dB (≤1dB) ±0.4dB (>1dB)
DC-3		1.35:1	1.45:1	≤1.2	±0.3dB (≤1dB) ±0.5dB (>1dB)
DC-4.3		1.40:1	1.55:1	≤1.5	
DC-6		1.55:1	1.60:1	≤1.8	
DC-2.5	0-50dB in 1dB steps	1.30:1	1.35:1	≤1.0	±0.5dB(≤10dB) ±0.8dB or 3% (≤50dB)
DC-2.5	0-70dB in 1dB steps	1.30:1	1.45:1	≤1.0	±0.5dB(≤10dB) ±0.8dB or 3% (<60dB) ±1.5dB or 3% (≥60dB)
DC-3		1.35:1	1.45:1	≤1.2	
DC-4.3		1.40:1	1.55:1	≤1.5	
DC-6		1.55:1	1.60:1	≤1.8	
DC-1.0	0-100dB in 1dB steps	1.30:1	1.45:1	≤1.0	±0.5dB(≤10dB) ±0.8dB or 3% (<60dB) ±1.5dB or 3% (<70dB) ±3.5% (≥70dB)
DC-2.5					
DC-3		1.35:1	1.45:1	≤1.2	

MECHANICAL SPECIFICATIONS	
Connectors	Brass Nickel Plated
Female Pin	Beryllium Copper Gold Plated
Housing	Brass Silver Plated
Temp Range	-20°C~+85°C
Dimensions	Ø30×120mm(Without Connector)
Weight	435g

NOMINAL IMPEDANCE: 50Ω
AVERAGE POWER: 2W, 10W
PEAK POWER: 100W (5μs pulse width with 2% duty cycles)
CONNECTOR TYPE: SMA (F, F); N (F,F)

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