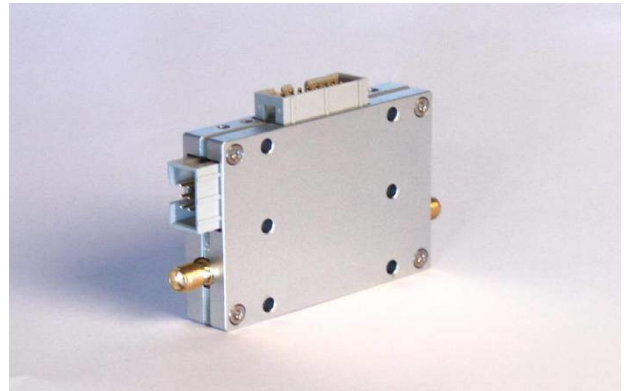


RI 4410

DIGITAL STEP ATTENUATOR

Module that covers all sub 6-GHz mobile frequency bands



FEATURES

- Controlled via parallel interface
- Attenuation range of more than 90 dB
- Attenuation step size of 0.25 dB

OVERVIEW

The Ranatec RI 4410 Digital Step Attenuator module covers all sub 6-GHz mobile frequency bands and has an attenuation range of more than 90 dB in steps of 0.25 dB. The module is controlled via parallel control logic.

APPLICATION

Ranatec's digital attenuators are used to accurately and reliably set RF-solution or as a part of a wireless test automation system. Applications span multiple industries and technologies.

ELECTRICAL INTERFACES

The RI 4410 Digital Step Attenuator is controlled via parallel interface. RF connectors are SMA jack and the control interface connector is shrouded header 2x7 with 2.54 mm pitch.

SPECIFICATION

Frequency range	50 MHz-6 GHz
Attenuation range	0-95.25 dB
Attenuation step size	0.25 dB
Insertion loss	
50 MHz-2.2 GHz	3.9 dB typ.
2.2 GHz-4 GHz	5.1 dB typ.
4-6 GHz	7.2 dB typ.
Return loss	
50 MHz-4 GHz	20 dB typ.
4-6 GHz	15 dB typ.
RF input power, CW	+28 dBm max
DC supply	2.3-3.3 V
Supply current	1.7 mA max
RF connectors	SMA jack
Control interface connector	Shrouded header 2x7, 2.54 mm pitch
Operating temperature	-40 - +105C
Outer material	Aluminium
Dimensions	52x79x12.4 mm
Weight	65 g

ORDERING

RI 4410

Digital Step Attenuator