

Product Specification



RACK MOUNT ATTENUATORS

- **Covers 550 MHz to 6000 MHz**
- **Fixed Values from 3 to 30 dB**
- **Low PIM Device, -161 dBc**
- **Rack Mountable**
- **IBWave Supported**

Electrical Specifications

FREQUENCY RANGE	550 - 6000 MHz
ATTENUATION VALUES*	Fixed, 3 - 30 dB
POWER RATING	10W to 50W No Heat Sink 60W to 100W Avg. with included Heat Sink
PASSIVE INTERMODS	-161 dBc

ClearComm Model Number	Attenuation*	Return Loss
CCHA-137	3 dB \pm 0.7 dB	17 dB Min.
CCHA-138	6 dB \pm 1.0 dB	17 dB Min.
CCHA-139	10 dB +1.4/-0.5	17 dB Min.
CCHA-140	15 dB +1.2/-0.7	17 dB Min.
CCHA-141	20 dB +1.4/-0.7	17 dB Min.
CCHA-142	30 dB +1.5/-0.8	17 dB Min.

*Other Values available upon request

Environmental Specifications

TEMPERATURE RANGE	-20 to +65°C Operating
WEATHERIZATION	IP-65 (Indoor)

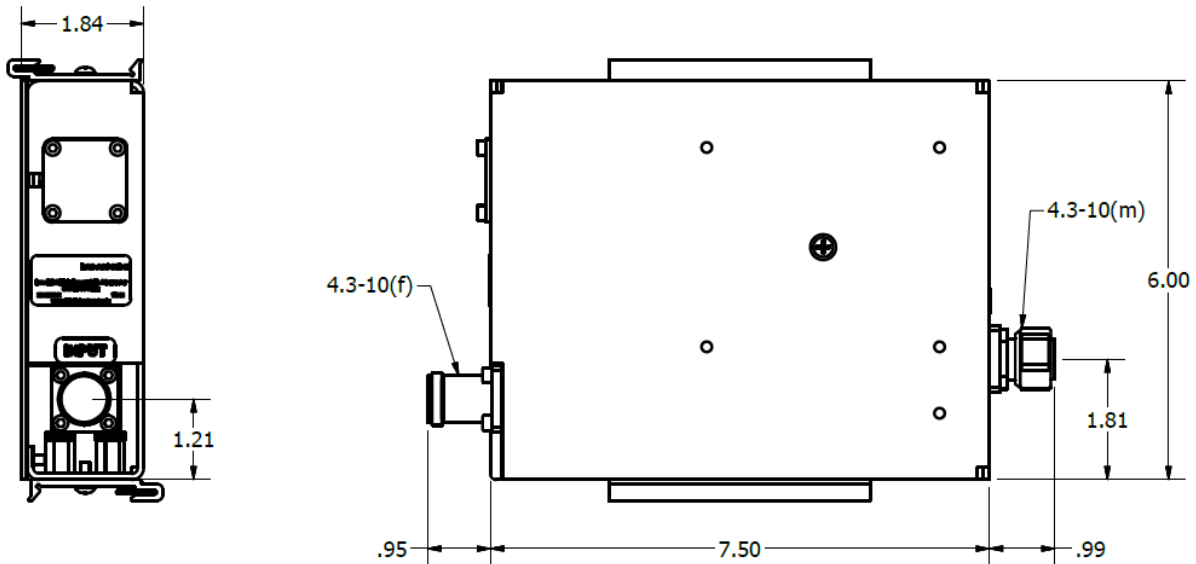
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Mechanical Specifications

CONNECTORS	4.3/10.0 MiniDIN, 7/16 DIN
CONNECTOR LOCATION	Connectors may be specified to be on the same side or on opposite sides as in outline below
DIMENSIONS	7.5 x 6.0 x 1.75 Excluding Connectors (See Outline Below) 11.0 x 6.0 x 1.75 for 3 dB Attenuator, CCHA-121 For the 60 and 100 Watt modules, a heatsink will be added 1.75" dimension becomes 3.13
WEIGHT	Approx. 8 lbs.



OUTLINE DRAWING

Note: Length of CCHA-121 (3 dB) is 11.0"

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