

314LV-30-D43-QMA is a vertical mountable Attenuator Module used to build Rack Mount Attenuator solution. Each Attenuator Module (Model #: 314LV-30-D43-QMA) has 4x 30dB attenuators integrated in one housing, each having its own independent RF path. Each attenuator path can handle 50W of power and operates from 600MHz - 4200MHz. The modules can be mounted onto a 4RU Sub-Rack (PN: R314LV-4RU) to create an assembly module that can hold up to 8 of these Attenuator Modules for a Rack or H-Frame application. These attenuators are guaranteed for Low-PIM performance in the entire frequency range. They come with 4.3-10(F) Connector on the Input side and QMA(F) connector on the Output side as a Standard. This DAS Tray Solution is a complete **Passive System** and requires no additional Interface Card or AC power for this to operate.



- Each Module has 4x 30dB Attn with each having an independent RF Path.
- Standard Connector Option:
INPUT - 4.3-10 (F)
OUTPUT - QMA (F)
- **CBRS / C-Band** Ready
- Low PIM , -161dBc
- In Stock to low lead time delivery
- Can be mounted on a 4RU High Sub-Rack (R314LV-4RU) to create an Attenuator Assembly that can hold up to 8 of these modules.

SPECIFICATIONS for ATTN MODULE

PN: 314LV-30-D43-QMA:

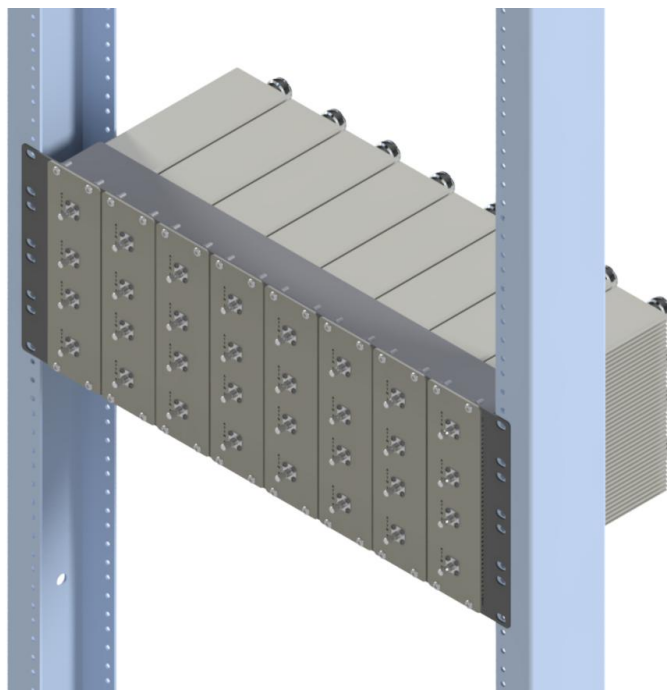
Attenuation	30dB
Attenuation Accuracy	±1.25
No. of Attenuators	4 (Independent RF Path)
Frequency Range	600MHz - 4200MHz
Return Loss	20 dB (Typ)
Intermodulation (PIM - 3 rd)	-161 dBc (Typ) (2 Tones +43 dBm)
Impedance	50 Ohms
Input Power	50W (Average Power)
Temperature Range	-30°C to 70°C
Connector	IN - 4.3-10(F) / OUT - QMA(F)
Weight	7.50 lbs
Dimensions (in)	6.97"(H) x 2.05"(W) x 7.31"(D)

SPECIFICATIONS for 4RU Sub-Rack

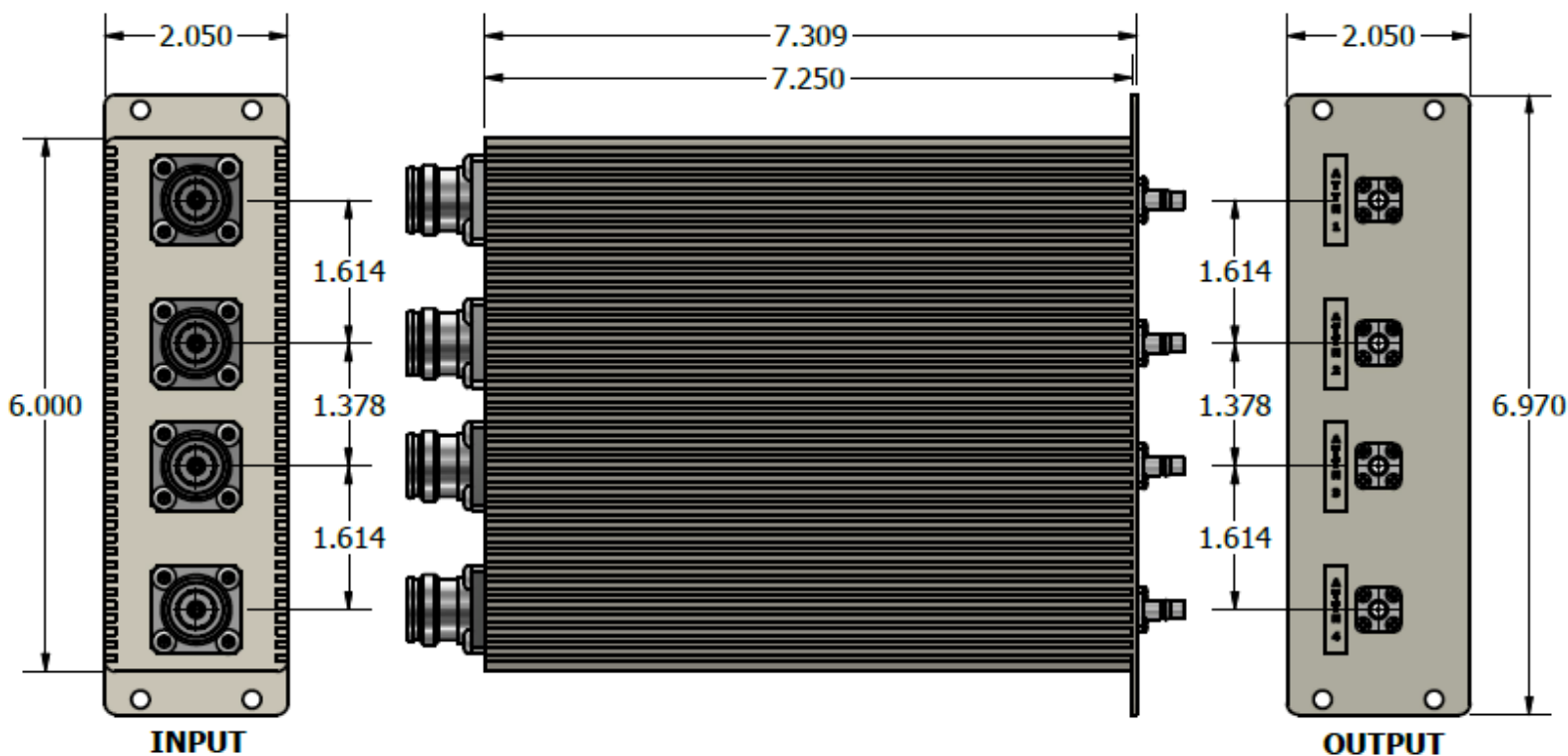
PN: R314LV-4RU:

Attenuator Modules	8 (max)
Rack Space Needed	4 RU
Temperature Range	-30°C to 70°C
Weight	3.50 lbs
Dimensions	6.97"(H) x 19.00"(W) x 2.00"(D)

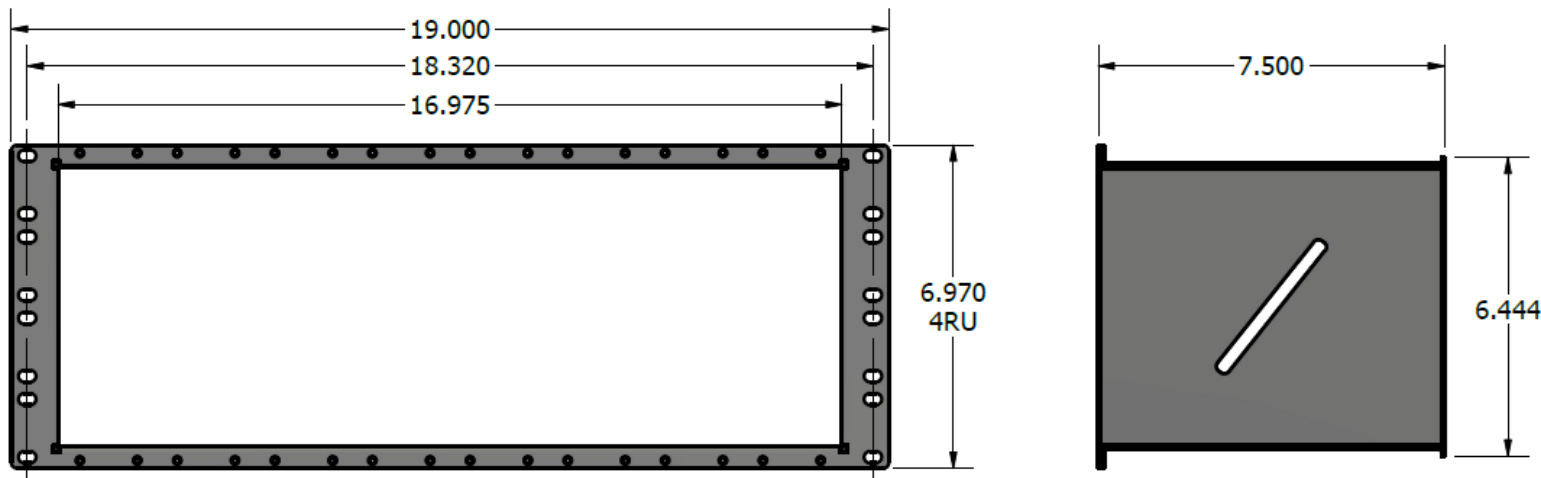
Fully Loaded Assembly Module on a H-Frame with 8x 314LV-30 D43-QMA



Dimensions for Attenuator Module (PN: 314LV-30-D43-QMA)



Dimensions for 4RU Sub-Rack (PN: R314LV-4RU)



ORDERING INFO:

Part Number Ordering Info for other Attn Values		
Attenuation Value	Corresponding Part Number	
	INPUT: 4.3-10	OUTPUT: QMA
2 dB	314LV-2-D43-QMA	
3 dB	314LV-3-D43-QMA	
5 dB	314LV-5-D43-QMA	
6 dB	314LV-6-D43-QMA	
8 dB	314LV-8-D43-QMA	
10 dB	314LV-10-D43-QMA	
15 dB	314LV-15-D43-QMA	
20 dB	314LV-20-D43-QMA	
30 dB	314LV-30-D43-QMA	
40 dB	314LV-40-D43-QMA	
XX dB (<i>Custom Value</i>)	314LV-XX-D43-QMA	
	Corresponding Part Number	
	INPUT: NEX10	OUTPUT: QMA
2 dB	314LV-2-X10-QMA	
3 dB	314LV-3-X10-QMA	
5 dB	314LV-5-X10-QMA	
6 dB	314LV-6-X10-QMA	
8 dB	314LV-8-X10-QMA	
10 dB	314LV-10-X10-QMA	
15 dB	314LV-15-X10-QMA	
20 dB	314LV-20-X10-QMA	
30 dB	314LV-30-X10-QMA	
40 dB	314LV-40-X10-QMA	
XX dB (<i>Custom Value</i>)	314LV-XX-X10-QMA	

Please contact our sales department at 737-200-7090 or sales@InnowaveRF.com for any custom requirements.

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