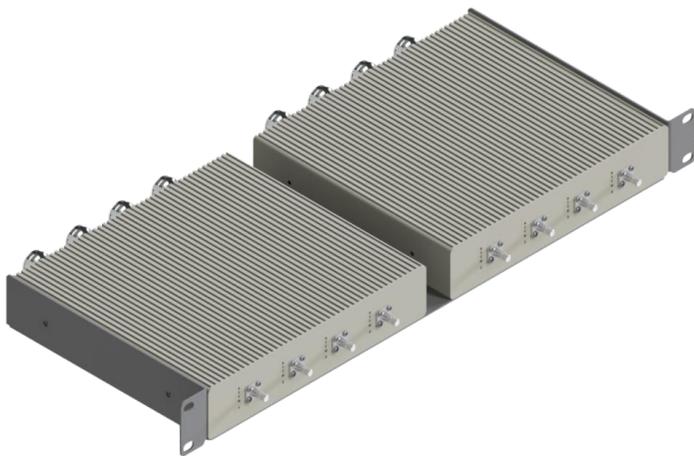**R314LH-30-D43-QMA** is a horizontally mounted Modular DAS Tray solution that can hold 2 Attenuator Modules on a 1RU High Rack or H-Frame. Each Attenuator Tray has 2 modules with 4x 30dB attenuators integrated in one housing, each having its own independent RF path. Each attenuator path can handle 50W of power and operates from *600MHz - 4200MHz*. These attenuators are guaranteed for Low-PIM performance in the entire frequency range. The attenuator connectors are in an In-Line configuration for easy cable management with Input Connectors at the back and Output connectors at the front of the DAS Tray. Different connector configurations are available.

The 30dB Attenuators comes with 4.3-10 (F) connectors on the Input side and QMA (F) connectors on the Output side. For any other value of attenuation or connector combination, please refer to the **PART NUMBER ORDERING INFO** table.
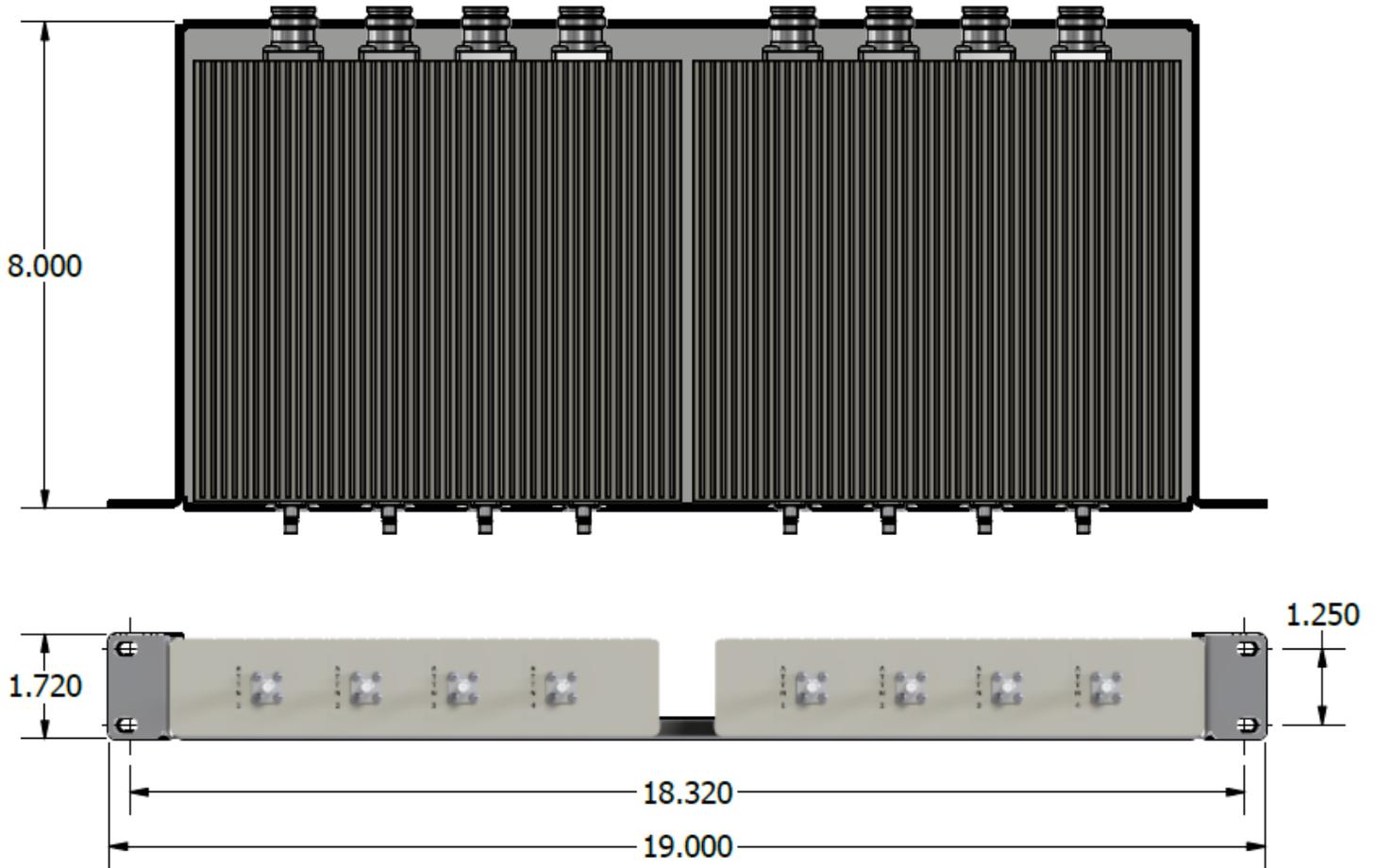

- 2 Attenuator Modules on 1RU tray
- Each tray has a total of 8x Attn with each having an independent RF Path having a fixed attenuation value.
- In-Line connector configuration with INPUT connectors at the back and OUTPUT connectors on the front
- **CBRS / C-Band** Ready
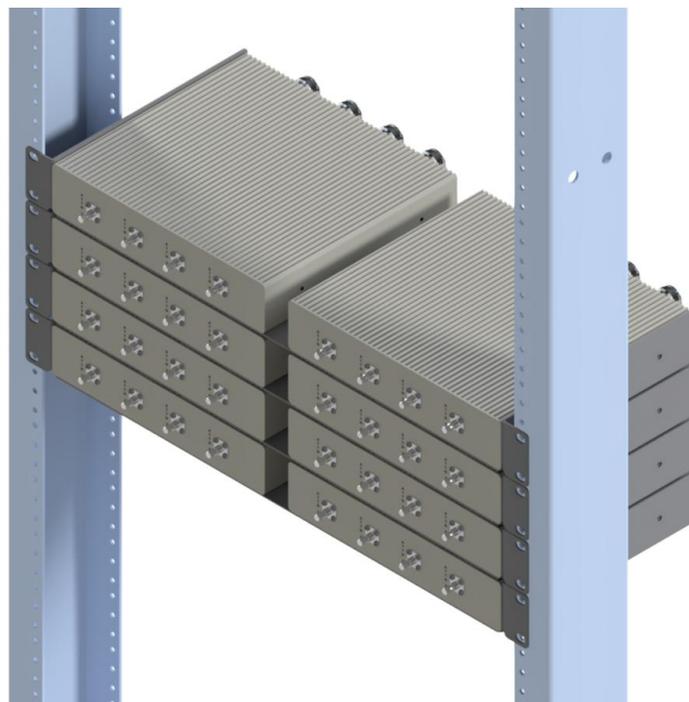- Low PIM , -161dBc
- In Stock to low lead time delivery

ELECTRICAL & MECHANICAL SPECIFICATIONS:

Attenuation Value (**XX**)	2dB	3dB	5dB	6dB	8dB	10dB	15dB	20dB	30dB	40dB
Attenuation Accuracy	±0.25	±0.50	±0.50	±0.50	±0.75	±1.00	±1.00	±1.00	±1.25	±1.50
No. of Attenuators	8x per Tray (Independent RF Path)									
Frequency Range	600MHz - 4200MHz									
Return Loss	19 dB (Typ)									
Intermodulation (PIM - 3rd)	-161 dBc (Typ) (2 Tones +43 dBm)									
Impedance	50 Ohms									
Input Power	50W (Average Power)									
Temperature Range	-30°C to 70°C									
Weight	16 lbs									
Connectors	*Different Connector Configurations available. Please see **PART NUMBER ORDERING INFO** table*									
Rack Space Needed	1RU									
Dimensions	1.72"(H) x 18.88"(W) x 7.875"(D)									

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Dimensions for R314LH-30-D43-QMA

R314LH-XX Series Assembly with 4 Attenuator Trays

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ORDERING INFO:

Part Number Ordering Info

Attenuation Value	Corresponding Part Number	
	INPUT: 4.3-10	**OUTPUT: 4.3-10**
2 dB	R314LH-2-D43-D43	
3 dB	R314LH-3-D43-D43	
5 dB	R314LH-5-D43-D43	
6 dB	R314LH-6-D43-D43	
8 dB	R314LH-8-D43-D43	
10 dB	R314LH-10-D43-D43	
15 dB	R314LH-15-D43-D43	
20 dB	R314LH-20-D43-D43	
30 dB	R314LH-30-D43-D43	
40 dB	R314LH-40-D43-D43	
XX dB *(Custom Value)*	R314LH-XX-D43-D43	
	INPUT: 4.3-10	**OUTPUT: QMA**
2 dB	R314LH-2-D43-QMA	
3 dB	R314LH-3-D43-QMA	
5 dB	R314LH-5-D43-QMA	
6 dB	R314LH-6-D43-QMA	
8 dB	R314LH-8-D43-QMA	
10 dB	R314LH-10-D43-QMA	
15 dB	R314LH-15-D43-QMA	
20 dB	R314LH-20-D43-QMA	
30 dB	R314LH-30-D43-QMA	
40 dB	R314LH-40-D43-QMA	
XX dB *(Custom Value)*	R314LH-XX-D43-QMA	
	INPUT: 4.3-10	**OUTPUT: 2.2-5**
2 dB	R314LH-2-D43-C225	
3 dB	R314LH-3-D43-C225	
5 dB	R314LH-5-D43-C225	
6 dB	R314LH-6-D43-C225	
8 dB	R314LH-8-D43-C225	
10 dB	R314LH-10-D43-C225	
15 dB	R314LH-15-D43-C225	
20 dB	R314LH-20-D43-C225	
30 dB	R314LH-30-D43-C225	
40 dB	R314LH-40-D43-C225	
XX dB *(Custom Value)*	R314LH-XX-D43-C225	

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ORDERING INFO (Contd.):

Part Number Ordering Info

Attenuation Value	Corresponding Part Number	
	INPUT: NEX10	**OUTPUT: NEX10**
2 dB	R314LH-2-X10-X10	
3 dB	R314LH-3-X10-X10	
5 dB	R314LH-5-X10-X10	
6 dB	R314LH-6-X10-X10	
8 dB	R314LH-8-X10-X10	
10 dB	R314LH-10-X10-X10	
15 dB	R314LH-15-X10-X10	
20 dB	R314LH-20-X10-X10	
30 dB	R314LH-30-X10-X10	
40 dB	R314LH-40-X10-X10	
XX dB *(Custom Value)*	R314LH-XX-X10-X10	
	INPUT: NEX10	**OUTPUT: QMA**
2 dB	R314LH-2-X10-QMA	
3 dB	R314LH-3-X10-QMA	
5 dB	R314LH-5-X10-QMA	
6 dB	R314LH-6-X10-QMA	
8 dB	R314LH-8-X10-QMA	
10 dB	R314LH-10-X10-QMA	
15 dB	R314LH-15-X10-QMA	
20 dB	R314LH-20-X10-QMA	
30 dB	R314LH-30-X10-QMA	
40 dB	R314LH-40-X10-QMA	
XX dB *(Custom Value)*	R314LH-XX-X10-QMA	
	INPUT: NEX10	**OUTPUT: 2.2-5**
2 dB	R314LH-2-X10-C225	
3 dB	R314LH-3-X10-C225	
5 dB	R314LH-5-X10-C225	
6 dB	R314LH-6-X10-C225	
8 dB	R314LH-8-X10-C225	
10 dB	R314LH-10-X10-C225	
15 dB	R314LH-15-X10-C225	
20 dB	R314LH-20-X10-C225	
30 dB	R314LH-30-X10-C225	
40 dB	R314LH-40-X10-C225	
XX dB *(Custom Value)*	R314LH-XX-X10-C225	