

# DAS AWS Variable Attenuator Tray



## Features

- Provides a single connection point for cellular base stations in either AWS spectrum
- Integrated variable step attenuation for each Rx (UL) channel
- Adjustment range of 30 dB with 1 dB increments
- Passive DAS assembly without external power requirements

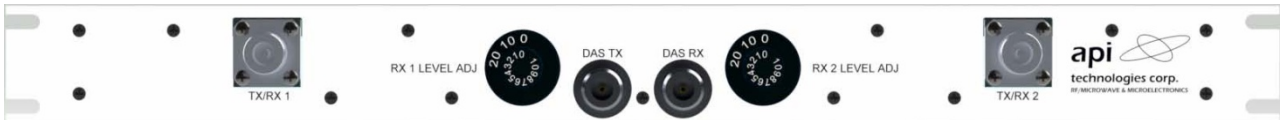
API's DAS AWS/PCS Variable Attenuator Tray provides a single connection point when using single or multiple base stations by standardizing the connection between the BTS and the DAS head-end equipment and improving the uplink signal with minimal impact to the receive signal. API's AWS/PCS Variable Attenuator Tray provides integrated variable step attenuation in each Rx (UL) path with an adjustment range of 30 dB with 1 dB increments.

## Technical Specifications

RF Electrical	Typical Specifications	Mechanical	Specification
Frequency Range:	AWS UL: 1710Mhz – 1755Mhz DL: 2110Mhz – 2155Mhz	Connectors	Type "N" Female
DL (TX) Loss	21.0 dB +/- 1 dB	Dimensions	Standard 2 RU 19" rack mount
UL (RX) Loss	4 – 34 dB Variable based on variable attenuator setting	Operational Temp	0°C to +50°C
Input power	Maximum 80 Watts per Input Port	Environmental	Indoor application
Return Loss (VSWR)	-18 dB (1.3:1)	Housing Material	Aluminum
PIM3	≥ -153 dBc	Finish	White Epoxy Paint (Rack Panel only)
		Mounting	2 RU Rack (front or rear mount ears)

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## Front Panel:



## Block Diagram:

Block Diagram:

