# Tri-Band Attenuator for DAS

Renaissance Electronics' universal interface panels will provide on-site adjustment of various receive and transmit links to ensure equalized signal strengths thereby reducing interference noise.



# universal "Easily Installed"

#### Characteristics

Size	1U height in standard 19" Rack
Rx Primary Uplink Path Attenuation	30 dB of 1 dB steps
Rx Expansion Uplink Path Attenuation	30 dB of 1 dB steps
Tx Primary Downlink Path Attenuation	70 dB/1 dB steps with 6.5 dB fixed through loss
Tx Expansion Uplink Path Attenuation	70 dB/1 dB steps with 4.5 dB fixed through loss
VSWR (all ports)	1.20:1
Connectors	"N"-Female
Temperature	-10 to +75 C

### Features

## Benefits

· Easy Installation

· Covers 800, 900, 1800, 1900, & 2100 MHz ranges	· One Design for All Systems
Uplink/Downlink     Attenuation Customizable	<ul> <li>Optimized for All Cell Sites Regardless of Radio Type</li> </ul>
· Manually Controlled	No External Power Source Required, High MTBF
· Standard 19" Rack, 1 RU Height	<ul> <li>Low Profile / Easily Mount- able on Back of Cabinet</li> </ul>



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 Connectors on One Side and Attenuator Dial on Other Side