

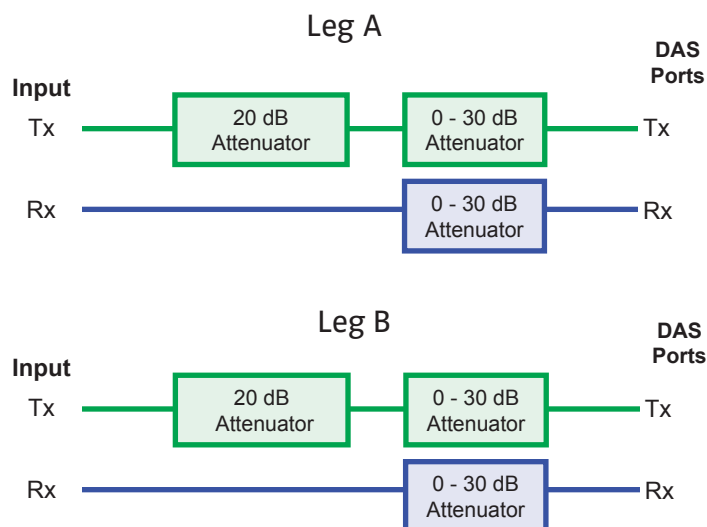
## DCC Series®

- ◆ System to Condition two simplex BTS Tx and Rx for Low Power Active DAS
- ◆ Applicable to multiple band BTS
- ◆ Low PIM, High Isolation
- ◆ High Reliability, RoHS compliant
- ◆ Standard 2RU EIA Rack (3.5")



The 3.5" standard 2RU rack mount chassis includes two discrete Signal Conditioning paths. The broadband modules condition any Tx and Rx signal falling in the 380-2700 MHz frequency range. Marking shows Leg A and Leg B in anticipation of MIMO LTE systems, however marking is at the customer's request.

Each Tx path is attenuated by a 20 dB fixed attenuator, and both the Tx and Rx paths allow independent level adjustment of the Rx signal by up to 30dB. (01/13)



### RF Conditioner Specification - Each Leg

Frequency: 1710 - 2170 MHz  
 Tx Power: +50 dBm max  
 Return Loss: >15.6 dB, all ports  
 Tx Path Loss: 21 dB nominal, plus  
 0 to 30dB in 1 dB steps  
 Rx Path Loss: 0.5 dB nominal, plus  
 + 0 - 30dB in 1 dB steps  
 PIM, typical: <-153 dBc in Rx band at input  
 using two +43dBm tones  
 Impedance: 50Ω nominal  
 Environment: -35°C to +65°C, IP64  
 Housing: Passivated aluminum  
 Connectors:  
 Input: 7-16 mm DIN (f) triplate  
 Output: N(f) Triplate

*Specifications subject to change*