

- ◆ Low PIM 0-30dB attenuation of BTS signals
- ◆ 5W input power
- ◆ Supports AWS 1-3
- ◆ Standard 2RU EIA Rack (3-1/2")



This DAS Carrier Conditioner DCC21-1DEFSEF3B, is designed to connect to 2100MHz AWS1-3 SISO BTS. The input is then separated into Uplink and Downlink.

The unit is capable of 30dB variable attenuation in both the DL and UL path. The DL output range of the unit is -1dBm to +29dBm at 5 watt input. A -20dB monitor port is provided for both DL and UL paths.

Frequency: 1695-1780 / 2110-2180 MHz (SISO)
 Tx/Rx Isolation: 55 dB min.
 Return Loss: >14 dB, all ports
 Tx Power/band: 5W avg max
 Insertion Loss: 8.5 dB attenuation DL path, nom.
 2.0 dB attenuation UL path, nom.
 Variable atten: 0-30dB both DL and UL paths
 PIM (Intermod): <-153 dBc (measured in Rx Block using two +34 dBm tones in corresponding Tx Block)
 Impedance: 50Ω nominal
 Environment: 0°C to +55°C, IP64
 Housing: Passivated aluminum
 Connectors: 4.3-10 (f), Triplate
 Monitor port: SMA type (f)
 Weight: 17 lb (7.7 kg) nom.

