

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



This DAS Carrier Conditioner DCC85-19-1DEFSEF3B, is designed to connect one channel of 850MHz Band and one channel of 1900MHz Band from two SISO BTS. The inputs are then separated into Uplink and Downlink for connection to a DAS system.

The unit is capable of 30dB variable attenuation in both the DL and UL path. The PCS Channel DL output range of the unit is -1.5 dBm to +28.5 dBm at 5 watts input; the 850MHz Channel DL output range of the unit is -1 dBm to +29 dBm at 5 watts input. A -20dB monitor port is provided for both DL and UL paths.

Specifications:

Frequency: 824-849MHz / 869-894MHz
 1850-1915 / 1930-1995MHz

Return Loss: >14 dB, all ports

Tx Power/band: 5W avg max

Insertion Loss: 8.5 dB atten. DL path, nom. (PCS)
 2 dB atten. UL path, nom. (PCS)
 8.0 dB atten. DL path, nom. (850)
 1.5 dB atten. UL path, nom. (850)

Variable atten: 0-30dB both DL and UL paths

RX/TX Isolation: > 65dB

PIM (Intermod): <-153 dBc (measured in Rx Block using two +34 dBm tones in corresponding Tx Block)

Impedance: 50Ω nominal

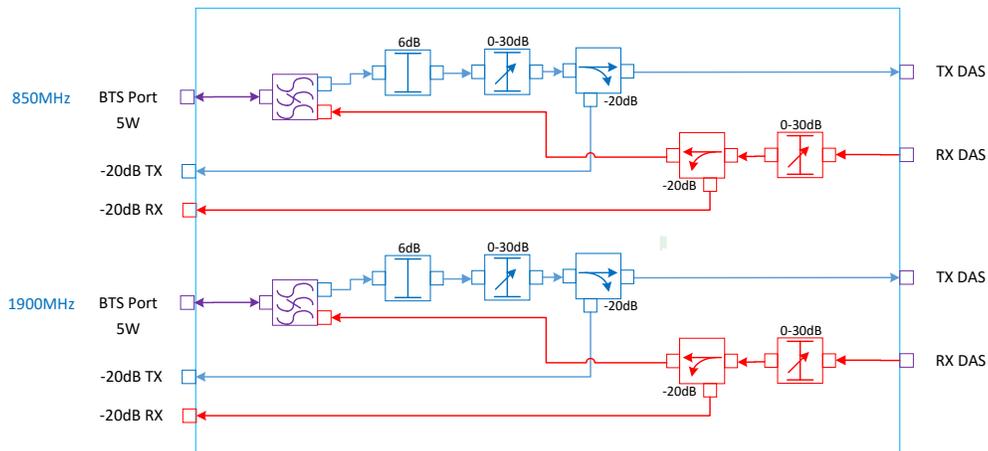
Environment: 0°C to +55°C, IP64

Housing: Passivated aluminum

Connectors: 4.3-10 type (f), Triplate

Monitor port: SMA type (f)

Weight: 25 lbs. nom.



13Nov2017