

Preliminary Specification

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

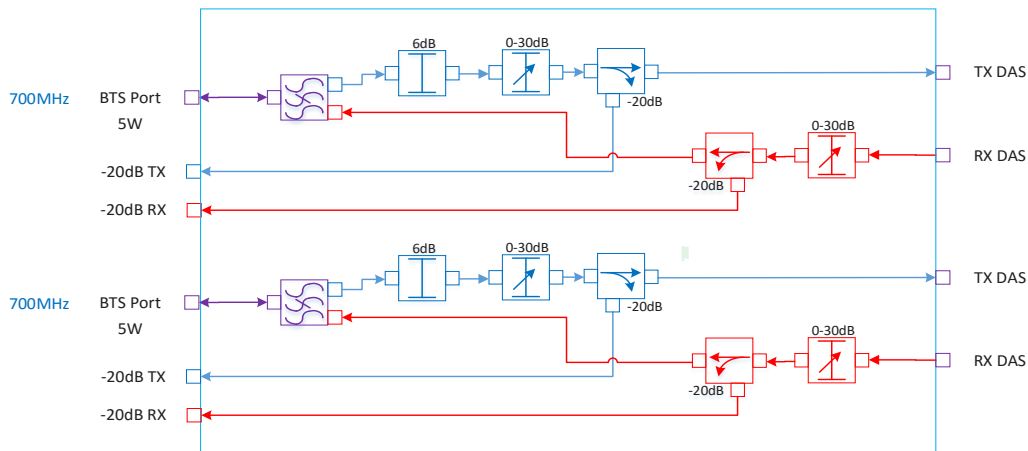


This DAS Carrier Conditioner DCC7UC-7UC-1DEFSEF3B, is designed to connect two channels of 700MHz Upper-C from two SISO BTS . Alternatively the two channels can be used pairwise for MIMO BTS applications. The inputs are then separated into Uplink and Downlink.

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

Preliminary Specifications

Frequency 1:	746-757 / 776-787MHz (SISO)
Frequency 2:	746-757 / 776-787MHz (SISO)
Return Loss:	>15 dB, all ports
Tx Power/band:	5W avg max
Insertion Loss:	8 dB attenuation DL path, nom. 3 dB attenuation UL path, nom.
Variable atten:	0-30dB both DL and UL paths
PIM (Intermod):	<-158 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:	30 lbs. nom.



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