

DCC Series

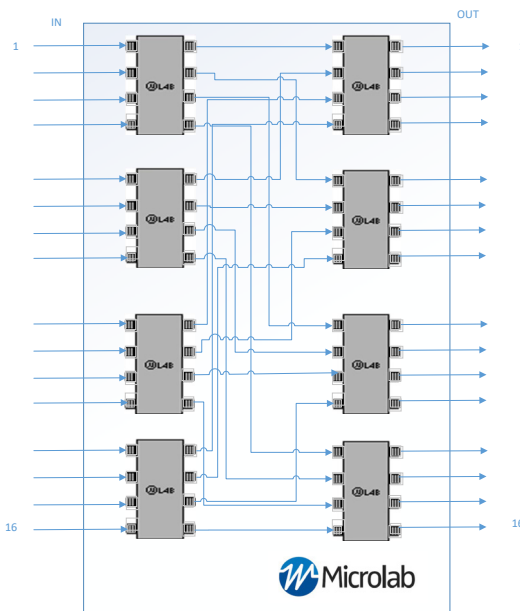
- ◆ Input bands for 350 to 5925MHz
- ◆ Featuring 4.3-10 Low-PIM Interface
- ◆ 16 Inputs to 16 Combined Outputs
- ◆ Handles up to 100W per input
- ◆ High Reliability, ROHS
- ◆ Available in a convenient 19"RU configuration



Microlab Model **DCC601-B85** broadband RF Combiner Box has been designed to meet typical neutral host applications with low passive intermodulation (PIM). This assembly provides an aesthetic means of integrating a DAS deployment.

The 19" rack mount assembly combines up to 16 inputs in the operating bands to 16 antenna feeds or distribution cables. The front panel 4.3-10 connectors are guaranteed low PIM and ideal for LTE deployments. One sixteenth of each input appears on each of the sixteen outputs.

Frequency:	350-5925 MHz
Impedance:	50Ω nominal
PIM Rating:	-153 dBc (-110 dBm) Using 2 x +43dBm test tones
Power Rating:	100 W avg max
Input Isolation, dB:	>25dB typ @ 350-1500MHz >20dB typ. @ 1500-2496MHz >18dB typ. @ 2496-2700MHz >15dB typ. @ 2700-5925MHz
Insertion Loss, dB:	>14dB typ. @ 350-1500MHz >14.5dB typ. @ 1500-2496MHz >14.7dB typ. @ 2496-2700MHz >15.7dB typ. @ 2700-3700MHz >16.4dB typ. @ 3700-4500MHz >16.9dB typ. @ 4500-5925MHz
Return Loss, dB:	>14dB typ. @ 350-5925MHz
Connectors:	4.3-10 (f), Triplate
Housing:	10RU, 24" depth, Passivated Aluminum
Environment:	-10°C to +50°C, Indoor
Weight:	141 lbs (63.96 kg)



Note: Specifications are subject to change without prior notification.

29JUN2018

DCC601-B85 - Mechanical Drawing

