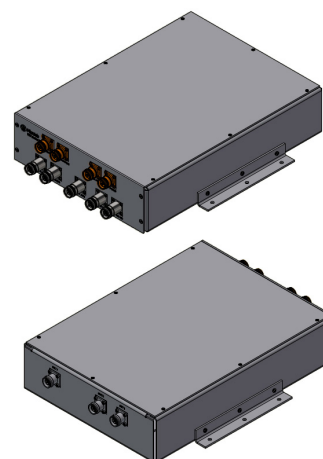


DCC602-C86 9x3 Combiner Box

617-4200 MHz, 9 Input & 3 Output Ports, 40W
4.3-10(f) Connectors, 2RU, Wall Mount
Rev. B

- ◆ Combines 9 feeds/inputs from 617 to 4200 MHz, then Splits into 3 separate ports
- ◆ 40W per Port
- ◆ PIM Rated
- ◆ 4.3-10 Type Connectors
- ◆ 9 Front Input and 3 Rear Output Ports
- ◆ RoHS Compliant



The DAS Carrier Conditioner DCC602-C86 is a Wall Mount 9x3 point of interface (POI), which allows combination and separation of the signals from 617 to 4200MHz. This product can support the combining of 9 different feeds/RRUs/Bands and split them into 3 paths out to the DAS Network. To minimize insertion loss, the faceplates and rearplates support "connector through" design which lessens the jumper cable usage, this in turn lowers insertion loss, increases Return Loss and lowers the PIM.

The DCC has been designed using passive, proprietary techniques which minimizes cost and size.

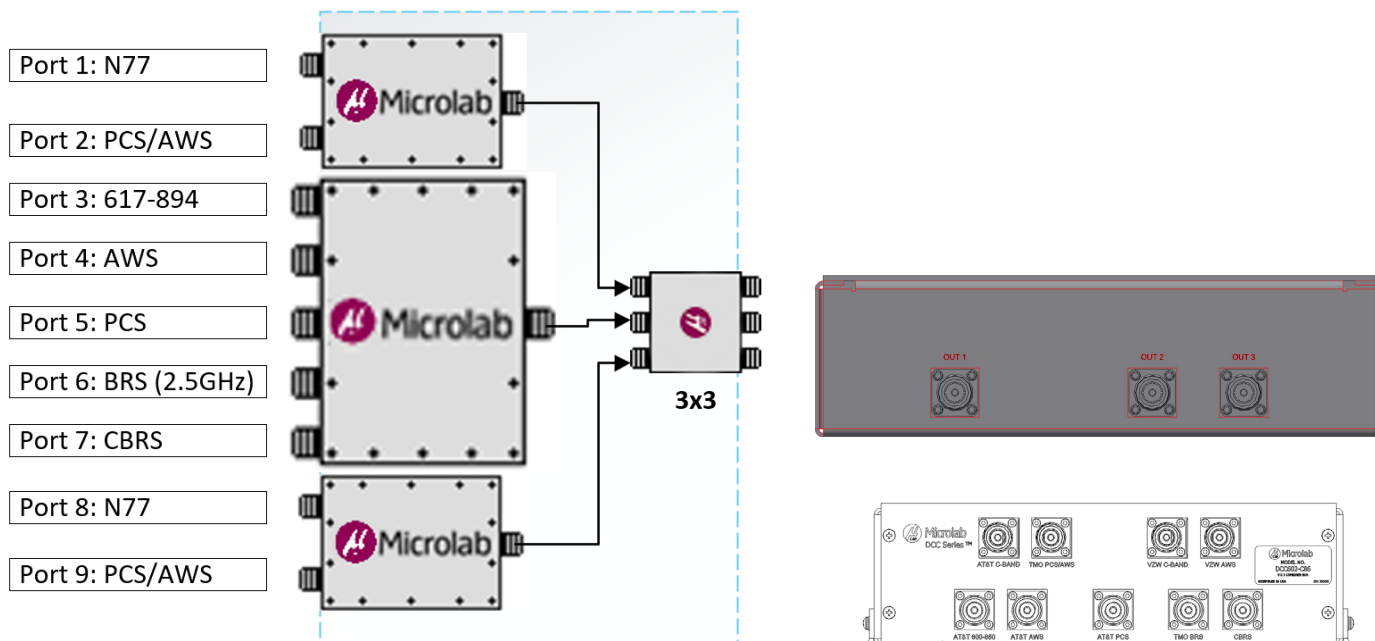
Frequency Range:	See table below
Power:	See table below
Insertion Loss:	6.0 dB (P1,P7,P8)
(nominal)	5.5 dB (P2,P4,P5,P6,P9)
	5.0 dB (P3)
Return Loss:	15.0 dB min. (P2-P6, P9)
	14.0 dB min. (P1, P7, P8)
Isolation:	See table below
PIM:	-155 dBc min, -112 dBm min
	-153 dBc min, -110 dBm min (C-Band)
	(Test 2 tones @ +43 dBm @ ambient)
Group Delay:	See table below
Impedance:	50Ω nominal
Environment:	0° to +55°C, Indoor
Connectors:	4.3-10(f)
Housing Finish:	Aluminum Enclosure
Dimensions:	Wall Mount
(with mount)	Approx. 12.5" W x 17.3" L x 3.73" H
	14.25" W x 17.3" L x 3.73" H
Weight:	24.4 lbs. (11.07 kg)

Port#	Passband (MHz)	Isolation			Group Delay (ns)	Combined Input Power (W)
		25dB	40dB	50dB		
1	3300 - 4200 MHz	P7, P8		P2-P6, P9	4	150
2	1695 - 2200 MHz	P3-P6, P9		P1, P7, P8	4	
3	617 - 894 MHz	P2, P9		P1, P4-P8	5	
4	1695 - 1780 / 2110 - 2200 MHz	P2, P9 (20dB)	P5, P6	P1, P3, P7, P8	20	150
5	1850 - 2000 MHz	P2, P9	P4	P1, P3, P6-P8	18	
6	2300 - 2700 MHz	P2, P9	P4	P1, P3, P5, P7, P8	10	
7	3300 - 4200 MHz	P1, P8 (20dB)		P2-P6, P9	7	
8	3300 - 4200 MHz	P1, P7 (20dB)		P2-P6, P9	8	150
9	1695 - 2200 MHz	P2, P3, P4 (20dB), P5, P6		P1, P7, P8	9	

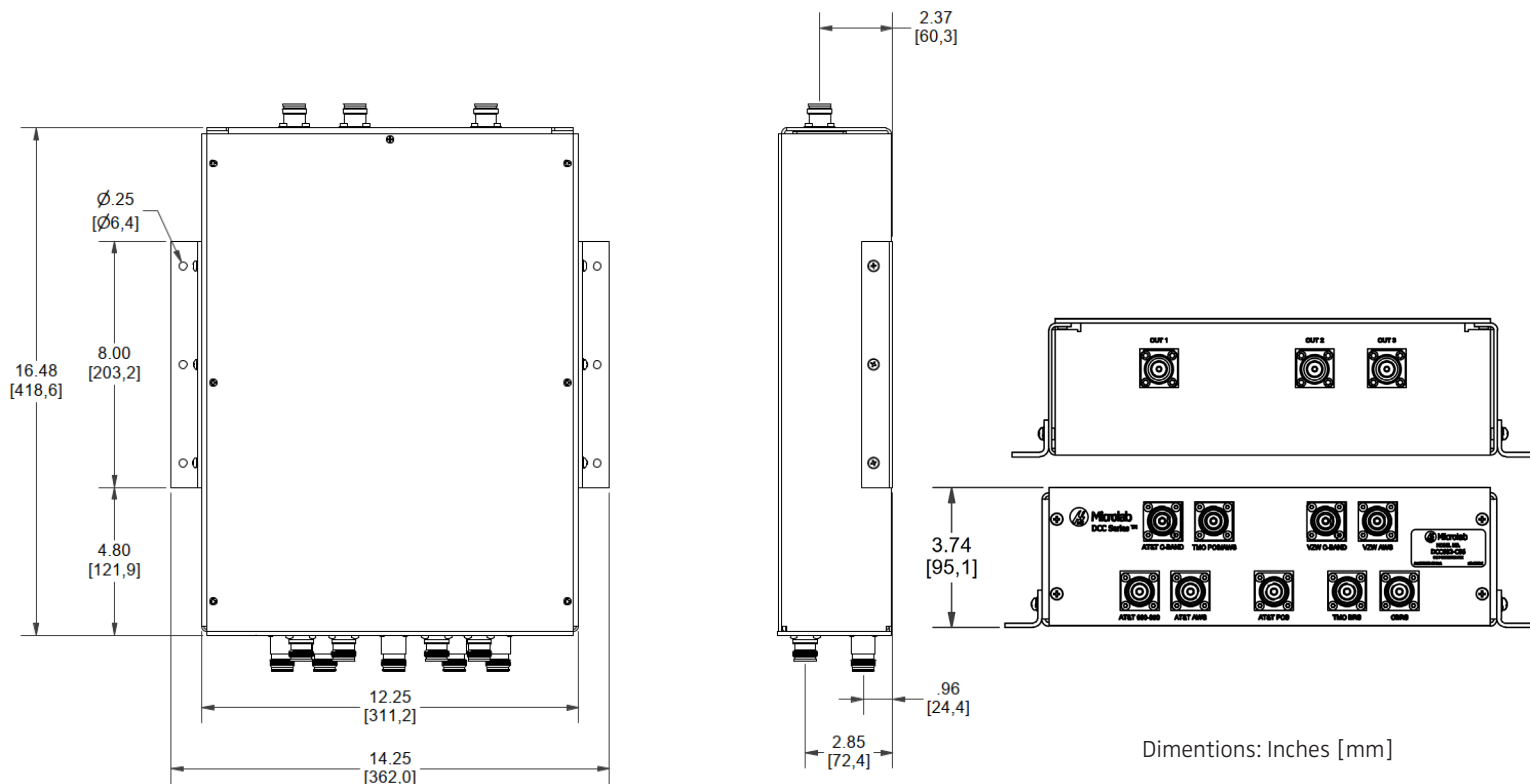
Note: Specifications are subject to change without prior notification.

11AUG2026

Wiring Diagram



Outline Dimensions



Dimensions: Inches [mm]

Note: Specifications are subject to change without prior notification.

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