

Product Change Notice

Date of Issue: September 24, 2026

Manufacturer Name: Microlab
Title of Change: Product Design Change
Type of Change: CM-141E Mechanical Redesign and Performance Update

Change Description The 4x4 hybrid combiner **CM-141E** has been redesigned. The new design uses a low-profile housing measuring 12.99 x 3.31 x 1.73 in [330 x 84 x 44 mm], with all four inputs on one side and all four outputs on the opposite side. The new design adds rack mount option in 1RU.

DC path mapping has changed. Frequency range (617–5925 MHz), 4.3-10 connectors, PIM (-160 dBc) and IP67 rating are unchanged. Power handling increases to 300 W per input and the operating temperature range extends to -35°C.

Customers should review mounting provisions, cable routing and port assignments before installation. See the mechanical outline and specification comparison on the following page.

Reason for Change: This design change is part of our ongoing efforts to improve production capacity. The redesigned unit also delivers higher power handling across the full operating band and extended low-temperature operation, while maintaining the RF performance required for 5G small cell and D-RAN applications.

Notice Effective Date: September 24, 2026

Last Time Buy Date: N/A

Last Time Ship Date: N/A

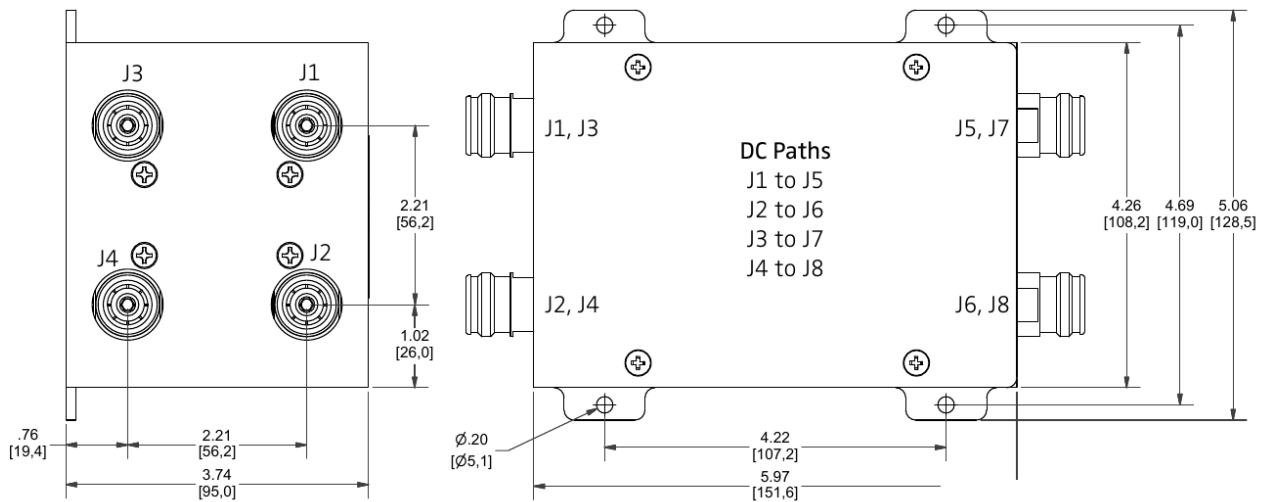
Manufacturer Contact: sales@microlabtech.com

Affected Products:

Part Number	Product Description
CM-141E	Hybrid Combiner 4x4 617-5925MHz 300W -160dBc 4.3-10(f) IP67

Mechanical Outline

Previous Design (HW Rev. B) - Dimensions in inches [mm]



New Design (HW Rev. C) - Dimensions in inches [mm]

