

Product Change Notice

Date of Issue: October 24, 2024

Manufacturer Name: Microlab
Title of Change: CM-680E – Product Specification Change
Type of Change: Electrical Operation & Mechanical Dimensions

Change Description The CM-680E 3x3 Hybrid Combiner has been updated to enhance electrical performance across the 617-5925 MHz range. It retains the same operating frequency, input power, Low PIM, and IP67 outdoor rating, and offers improved coupling, isolation, and return loss. The design is slightly larger, with new dimensions of 9.25 x 4.33 x 1.73 inches (235 x 110 x 44 mm), to accommodate these performance gains.

Reason for Change: These enhancements improve the combiner’s performance, especially for 5G networks. The mechanical size increase was necessary to support the improved electrical characteristics while maintaining product reliability.

Notice Effective Date: October 24, 2024

Last Time Buy Date: N/A

Last Time Ship Date: N/A

Manufacturer Contact: sales@microlabtech.com

Affected Products:

Part Number	Product Description
CM-680E	Hybrid Combiner 3x3 617-5925MHz 150W -161dBc 4.3-10 IP67 (REV A 24JAN2023)

Mechanical Outline

