

Product Change Notice

Date of Issue: September 30, 2026

Manufacturer Name: Microlab
Title of Change: Product Design Change
Type of Change: BK-24 Series Mechanical Redesign and Return Loss Improvement

Change Description The 80-520/694-2700 MHz diplexers **BK-24E** and **BK-24N** have been redesigned (datasheet Rev. I to Rev. J). The housing changes from 7.37 x 5.13 x 1.25 in [187.2 x 130.4 x 31.8 mm] to 7.17 x 6.38 x 1.50 in [182 x 162 x 38 mm], 2.09 in [53 mm] deep with the new mounting bracket. The unit now ships with mounting brackets and hose clamps for pole mounting, and supports wall mounting with M8 expansion screws. Return loss improves from 16.5 dB minimum to 17 dB minimum. Frequency bands, insertion loss, isolation, power rating, PIM (-161 dBc), DC path, connectors and IP67 rating are unchanged.

Customers should review mounting space, mounting hardware and cable routing 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 ensure supply continuity, increase production capacity and improve manufacturing processes, so that our products are consistently more reliable and of higher quality. The new design also improves return loss performance.

Notice Effective Date: September 30, 2026

Last Time Buy Date: N/A

Last Time Ship Date: N/A

Manufacturer Contact: sales@microlabtech.com

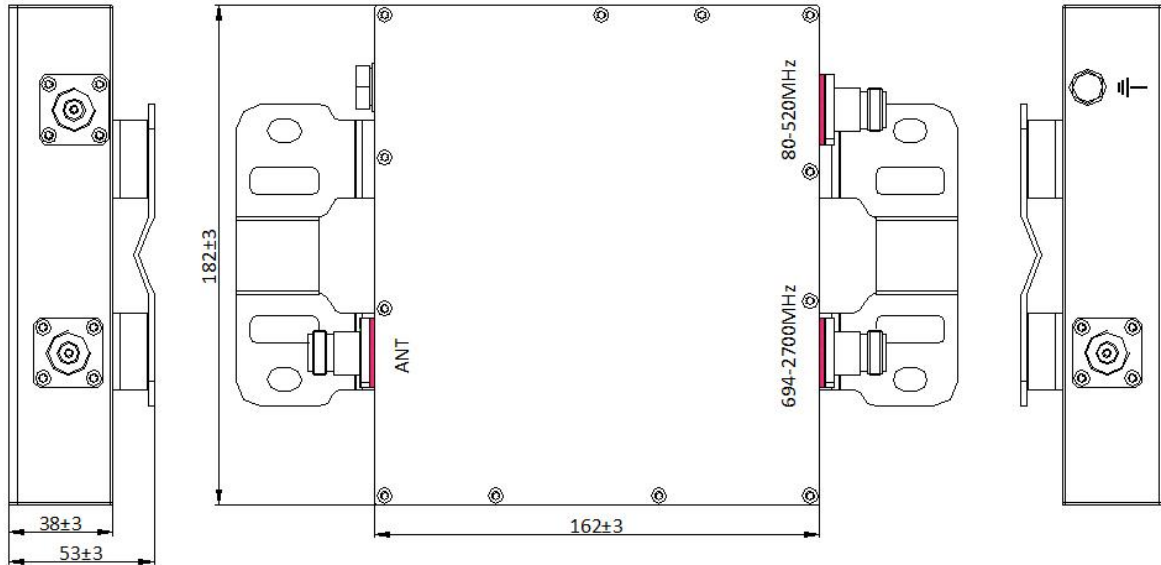
Affected Products:

Part Number	Product Description
BK-24E	Diplexer 80-520 694-2700MHz 100/120W -161dBc 4.3-10(f) IP67
BK-24N	Diplexer 80-520 694-2700MHz 100/120W -161dBc N-type(f) IP67



Mechanical Outline

New Design (HW Rev. A) - Dimensions in mm, BK-24N shown; BK-24E identical with 4.3-10 connectors



Prior Design (HW Rev. B) - Dimensions in mm, BK-24E shown; BK-24N identical with N-type connectors

Outline

