BRIGHTSPEC

bMCA-Box

bMCA with an SHV connector instead of the tube socket, for single-connector detectors

Special version of the bMCA (USB or Ethernet) in which the tube socket has been replaced by a single SHV connector. This lets the MCA be used with odd-sized detectors that have one connector for both signal and high voltage.



Spectrum channels
256, 512, 1,024, 2,048 or 4,096 (PHA and MCS) [2]

Weight
Approx. 120 g [2]

Specifications

Connection	A single SHV connector for both signal and high voltage, instead of the tube socket	[1]
Compatible detectors	dd-sized detectors with one connector for both signal and high voltage	[1]
Communication	USB or Ethernet (as the bMCA-USB and bMCA-Ethernet)	[1]
Spectrum channels	256, 512, 1,024, 2,048 or 4,096 (PHA and MCS)	[2]
Dimensions (H × D)	70 × 55 mm without the high-voltage connector; 95 × 55 mm with it (height × diameter)	[2]
Weight	Approx. 120 g	[2]

Sources

[1] **bMCA-Box**
BrightSpec · product-page · Product page · checked 2026-10-16
https://www.brightspec.be/brightspec/?q=node/20

[2] **bMCA-BOX Specifications V1.1**
BrightSpec · datasheet · p. 2, Technical specifications – PHA and MCS acquisition mode; p. 2, Technical specifications – Physical · checked 2026-10-16
https://www.brightspec.be/brightspec/downloads/bMCA_BOX_Spec_V1.1.pdf

Every value is taken from the manufacturer's own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer's published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.