



## Breakout box selection guide

4.4.2026

Model	BNC shield grounded	BNC shield selectable grounding	BNC shield float what is grounding / differential	RC filtering	Bus	Size
BoBoX1			x	Selectable		3U
BoBoX1A	x			Selectable		3U
BoBoX2		x		No		1.5U
BoBoX3	x			No or Preset values	Optional	2U

### Checklist for custom breakout box

- Number of channels
- Input and output connectors or direct cable output. Note that we can also design boxes with other input/output connectors (BNC-BNC, SMA-SMA, TRIAX – TRIAX) with selectable grounding/filtering/routing.
- Individual switching schematic for single channel containing all states of all connectors. We can also design switching between three states such as "connected", "floating" and "grounded" using toggle or rotary switches.

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