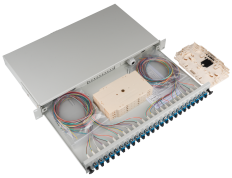
DATASHEET

Splice box gy sliding LC OS2 48x fanout pigtails and 24x duplex adapter















General data

The pull-out splice box from EFB-Elektronik is designed for the structured pick-up of splices and the clear management of single-mode fibre optic connections in a 19-inch rack. The 1U version combines a compact design with service-friendly access and is designed for OS2 according to ITU-T G.652.D and 9/125.

• Extendable 1U 19" design – Allows for compact integration into the rack and makes it easy to access the splice level for maintenance and expansion.
• Front panel with 24 LC duplex couplings – Ensures a clearly structured, pre-terminated assembly of the single-mode connectors and keeps the rack front uncluttered.
• 48 prepared LC pigtails with LSZH jacket and 2 m length – Support clean splicing organisation and reduce installation effort in the field.

This datasheet was created automatically on 02-11-2026 . Technical changes reserved.

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Splice box gy sliding LC OS2 48x fanout pigtails and 24x duplex adapter

The splice box has a sheet steel housing in grey according to RAL 7035 and is designed for the clean routing of single-mode lines. The LC duplex couplings with ceramic ferrule guide and the LSZH-coated pigtails support use in professional OS2 installations. Pre-assembled crimp/ANT splice holders and enclosed shrink splice holders enable flexible and traceable splice organisation.

Technical details
- Extendable: extendable
- Fibre class: OS2 according to ITU-T G.652.D
- Couplings: LC-Duplex
- With number of couplings/adapters: 24
- Coupling material: plastic
- Pigtail: 48 x LC
- Pigtails prepared: discontinued
- Number of height units (U): 1U
- Alignment of the couplings/adapters: vertical
- Fibre type: Single-mode 9/125
- Couplings (ferrule guide): Ceramic
- Coupling colour: blue
- Material: sheet steel
- Colour: grey
- Pigtail Buffer Type: Loose-Buffered
- Pigtail Coating Material: LSZH
- Pigtail diameter: 0.9 mm
- Pigtail length: 2 m
- Mounting type: 482.6 mm (19 in) Installation

Technical properties	
Adapter material	plastic
Adapters	LC-Duplex
Couplings (ferrule guide)	Ceramic
Depth	243 mm
Depth adjustment	40 mm
Fibre class	OS2 acc. to ITU-T G.652.D
Fibre type	Single mode 9/125
Height	44 mm
Material	Steel sheet
Mounting method	482.6 mm (19 inch) mounting
Number of height units	1 U
Packaging	EFB-Elektronik Carton
Pigtails prepared	stripped
Remark	vertical

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Splice box gy sliding LC OS2 48x fanout pigtails and 24x duplex adapter

Sliding	sliding
Splice cassettes (capacity)	4
Splice cassettes (number of splice holders)	18 x crimp splice protection holder per splice cassette2 x shrink splice protection holder per splice cassette
Splice cassettes (number)	1
Splice cassettes (splice holder capacity)	2 per splice cassette
Splice holder (splice capacity):	1x Crimp/ANT = 12 splices1x Heatshrink = 6 splices
Splice holder (splice protection type)	Crimp/ANT (pre-assembled)Heatshrink (included)
Temperature Range (Operation)	-40 – 80 °C
Temperature Range (Storage)	-40 – 80 °C
Width	482 mm
With front plate	True
With housing	True
With pigtails	True

Available variants

ArtNr.	Bezeichnung	Colour	Pigtail	Suitable for number of couplings/adapters	Type of connector external	With number of couplings/adapters	RAL-number	Type of connector interior	Pigtail Coating material	Insertion loss 1625nm	Minimal bendung radius static	Pigtail colour	Pigtail Buffertype	Insertion loss 1550nm	Adapter colour	Pigtail diameter	Minimal bendung radius dynamic	Insertion loss 1310nm	Return loss1625nm	Scope of delivery	Return loss 1310nm	Pigtail length	Pigtail plug colour	Return loss 1550nm
BA71921L12	Splice box gy sliding LC OS2 12x fanout pigtails and 6x duplex adapter	grey	12 x LC	12	LC-Duplex	6	7035	LC-Duplex	LSZH	≤0.25 dB	10xD	DIN	Loose-Buffered	≤0.25 dB	blue	0.9 mm	20xD	≤0.25 dB	≥50 dB	19" splice box extendable with frontpanel and 6xadapter, 6xadapter dummy, 12xpigtail+Test protocol, 1xsplice cassette+cover+screw, 1xcrimp splice protector holder, 2xheat shrink splice protection holder 6xself adhesive fiber tray, 1xM20	≥50 dB	2 m	blue	≥50 dB
BA71921L24	Splice box gy sliding LC OS2 24x fanout pigtails and 12x duplex adapter	grey	24 x LC	12	LC-Duplex	12	7035	LC-Duplex	LSZH	≤0.25 dB	10xD	DIN	Loose-Buffered	≤0.25 dB	blue	0.9 mm	20xD	≤0.25 dB	≥50 dB	19" splice box extendable with frontpanel and 12xadapter, 24xpigtail+Test protocol, 2xsplice cassette+cover+screw, 2xcrimp splice protector holder, 4xheat shrink splice protection holder 6xself adhesive fiber tray, 1xM20	≥50 dB	2 m	blue	≥50 dB
BA71921L48	Splice box gy sliding LC OS2 48x fanout pigtails and 24x duplex adapter	grey	48 x LC	24	LC-Duplex	24	7035	LC-Duplex	LSZH	≤0.25 dB	10xD	DIN	Loose-Buffered	≤0.25 dB	blue	0.9 mm	20xD	≤0.25 dB	≥50 dB	19" splice box extendable with frontpanel and 24xadapter, 48xpigtail+Test protocol, 4xsplice cassette+cover+screw, 4xcrimp splice protector holder, 8xheat shrink splice protection holder 6xself adhesive fiber tray, 1xM20	≥50 dB	2 m	blue	≥50 dB

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.