

Polaris-box 24



SCOPE OF SUPPLY

- Polaris-box 24
- Fiber inlay with incl. 12 TPU
- Adapter plate for 24 x adapters BFF/SFF
- Accessories-kit
- Installation manual

GENERAL DESCRIPTION

The Polaris-box 24 is a new generation of fiber optic distribution solution for splicing, patching, that enables an easy integration of passive optical components. The Polaris-box 24 is weather resistant and fulfills the requirement of moderate or even harsh (IP65) outdoor applications. The box provides a sufficient loose tube over length / loop storage area and has a swiveling inlay for up to 144 splices (12 TPU) and 24 (48) connections with SC, E-2000 or (LC-D). Implementation of passive optical components are possible as bare fiber or case (900µm) types. The new cable entry concept allows an easy migration for cables and micro ducts from ø 2.0mm up to ø 16.mm.

PRODUCT-NO	PRODUCT DESCRIPTION
R851086	Polaris-Box 24, without lock
R851087	Polaris-Box 24, with lock

TECHNICAL DATA

DESCRIPTION		VALUE / VALUE RANGE
Housing & cover	Material	Plastic PC/ASA
	Color	Light grey RAL 7035
Fiber guide (Inlay)	Material	Plastic PC/ASA
	Color	Light grey RAL 7035
Cable strain relief	Material	Plastic PC/ASA
	Color	Light grey RAL 7035
Cable entry rubber	Material	EPDM+PP Santoprene 101-64
	Color	Black RAL 9005
Screws & small parts	Material	Stainless steel A2
Ingress protection (IP)	Housing	IP65
Dimension [mm]	H x W x D	376 x 285 x 148
Capacity	Splice	144 (12TPU)
	Connection	24 (48 SFF)
Cable entry from	below	8x Main cable ø 3 – 16 mm 8x Drop cable 16x ø 2 – 3 mm
	top	2x Main cable ø 3 – 14 mm 2x Drop cable 12x ø 2 – 3 mm
	side	2x Collocation bridge 2x Cable gland M20/25

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CLIMATICAL DATA

DESCRIPTION		VALUE / VALUE RANGE
Temperature range	Service	-25.0 °C to +70.0 °C / -13 °F to +158 °F
	Storage	-40.0 °C to +85.0 °C / -40 °F to +185 °F
	Transport	-40.0 °C to +85.0 °C / -40 °F to +185 °F

FIRE PROPERTIES

DESCRIPTION	VALUE / VALUE RANGE
Burning rate	UL94-V0
Halogen free, acid gases	Passed
RoHs	Passed

TECHNICAL DRAWING

