

Polaris-Box 36



SCOPE OF SUPPLY

- Polaris-box 36
- Fiber inlay with 24 TPU for up to 288 Splices
- Adapter plate for 36 x Adapters BFF/SFF
- Accessories-kit
- Installation manual

PRODUCT DESCRIPTION

The Polaris-box 36 is a new generation of fiber optic distribution solution for splicing, patching, that enables an easy integration of passive optical components. The Polaris-box 36 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 288 splices (24 TPU) and 36 (72) 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-NR	PRODUCT DESCRIPTION
R851082	Polaris-Box 36, without lock
R851083	Polaris-Box 36, 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 entry grommets	Material	Rubber TPE
	Color	Black RAL 9005
Screws & small parts	Material	Stainless steel, A2
Ingress protection (IP)	Housing	IP 65
Ingress protection (IP)	Grommets	IP55 (Basic), IP65 (Modular)
Dimension [mm]	H x W x D	455 x 331 x 150
Capacity	Splice	288 (24 TPU)
	Patch	36 (72 SFF)
Cable entries from	Below	6x Main cable Ø 3 – 16 mm 6x 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 M25/20

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CLIMATICAL DATA

DESCRIPTION	VALUE / VALUE RANGE	
Temperature range	Service	-25.0 °C bis +70.0 °C
	Storage	-40.0 °C bis +70.0 °C
	Transport	-40.0 °C bis +70.0 °C

FIRE PROPERTIES

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

TECHNICAL DRAWING

