

Polaris-Box 16



SCOPE OF SUPPLY

- Polaris-box 16
- Polaris-box 16 fiber inlay for 24 splices
- Adapter plate for 24 x Adapters BFF/SFF
- Accessories-kit
- Installation manual

PRODUCT DESCRIPTION

The Polaris-box 16 is a new member of the R&M Polaris family. The next generation fiber optic distribution solution for splicing and patching enables an easy integration of passive optical components. The Polaris-box 16 is weather resistant and fulfills the requirement of moderate or even harsh (IP65) outdoor applications. The box provides a loose tube over length and loop storage area in the base and has a swiveling inlay for up to 24 splices and patch connections. Implementation of passive optical components are possible as bare fiber, pre-connectorized types. The new cable entry concept allows an easy cable and micro duct migration for round cables from $\varnothing$ 2.0mm up to $\varnothing$ 16.0mm and butterfly 2x3mm.

PRODUCT-NR	PRODUCT DESCRIPTION
R851084	Polaris-Box 16, without lock
R851085	Polaris-Box 16, 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	315 x 238 x 112
Capacity	Splice	24
	Patch	24 (48 SFF)
Cable entries from	Below	2x Main cable $\varnothing$ 3 – 16 mm 2x Drop cable 16x $\varnothing$ 2 – 3 mm 1x Cable-Gland M25/20
	Top	2x Main cable $\varnothing$ 3 – 14 mm 2x Drop cable 12x $\varnothing$ 2 – 3 mm
	Side	2x Collocation bridge 2x Cable-Gland M25/20

Polaris-Box 16

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

