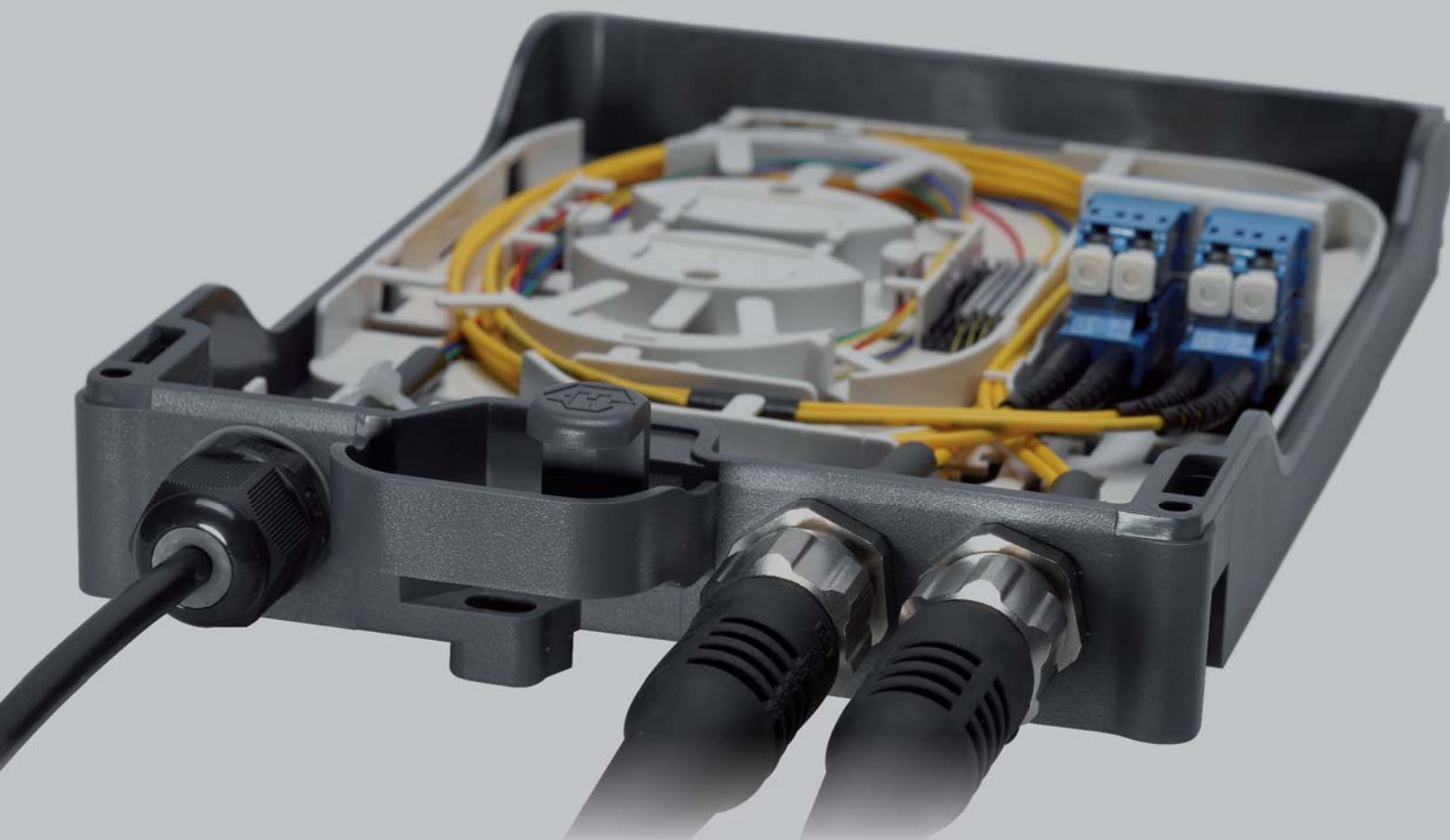


OptiBox 4i

Termination enclosure for industrial applications



Characteristics

- Up to 4 adapters in SC shape
- Radius protected fiber overlength storage
- Up to 12 splices
- 1 cable entry, 2 cable exits
- Cable entry and exits are sealed with cable glands
- Integration of environment-protected sockets ODC® with 2 fibers each
- UV radiation resistant housing
- Tight housing for harsh outdoor applications (IP67)

OptiBox 4i

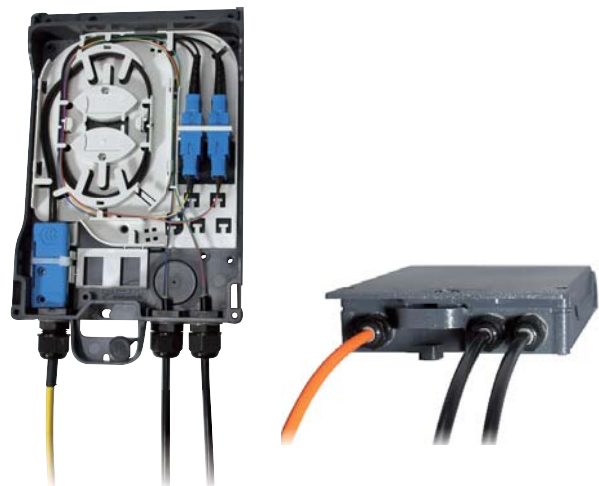
OptiBox 4i is a fiber optic distribution and termination enclosure, which is used for splicing, patching or to perform with passive optical components. The straightforward mounting box has its use in various industrial applications where tough environment conditions appear. The enclosure is therefore especially designed for indoor or outdoor deployment whether mounted onto walls or on poles.

In order to protect the fibers from bending or environmental influence, conventional loose tube cables as well as breakout and mini-breakout cables or MASTERLINE Quick cable divider can be fastened to the inside of the box. Further harsh environment connections such as ODC® can be mounted on the outline of the enclosure.

Applications

Connecting of cameras, displays, sensors, actuators, antennas and devices in:

- Automation
- Traffic control systems
- Infrastructure cabling
- Safety engineering
- Broadcast
- Wind turbines
- Base stations for mobile communication (FTTA)
- Ships, oil and gas platforms



Technical data

Characteristics	Value
Dimensions (WxLxH)	150x250x46 mm
Capacity: detachable optical connections (inside)	8x LC and LX.5, 4x SC and E-2000™
detachable optical connections (outside)	2x ODC-2
non detachable optical connections	24x with sandwich, 12x heat shrink splice protection
Dimension (Ø) cable entry / exit	16 mm
Cable diameter for cable glands	5.5 - 10 mm
Material: enclosure, fiber inlay	PC, PC/ABS
Weight: enclosure, fiber inlay	381 gr. and 55 gr.
Colour: enclosure, fiber inlay	RAL 7024 (graphite grey), RAL 9002 (grey white)
Ingress protection degree (EN60529)	IP67
Resistance to impact (EN62262)	IK08
Temperature resistance	-46° ... +81 °C
Flamability rating	UL 94V-0
Halogen free	yes
Chemical resistance	good
RoHS requirements	fully comply

E-2000™ is manufactured under licence of DIAMOND SA, CH LOSONE

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS.

Waiver

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.

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