OmniReach[™] FTTX Solutions

Indoor FDH 3000



Features/Benefits

- Integrated splice tray offers flexible splice management for individual or full splice capacity
- Sealed enclosures protect fibres from dust, water spray, insects and other contaminants
- Accommodates high-density pre-terminated configurations, typically 72, 144, 288 or 432 fibres
- Accommodates high-density modular splitter options, 1x16, 1x32, dual 1x4 or dual 1x8
- Identification and labeling assure product traceability and ease of identification
- Tested to NEMA-12
- Tested to GR-3123
- Complete fibre management allows for flexible re-arrangement
- Cable management and routing limits bend radius and adds strain relief
- 216-Tool (can wrench), key lock or padlock offers flexible security options
- Traditional swing frame design allows for superior rear access
- Rack, wall or pad mountable
- Bend insensitive fibre on splitter outputs
- True plug-and-play splitter technology



Technical Assistance Europe & Middle East • +32 2 712 6542 • euro.tac@adckrone.com www.adckrone.com



Indoor Fibre Distribution Hub 3000

Description

The ADC KRONE Indoor Fibre Distribution Hub (IFDH) products are designed to organize and administer fibre optic cables and passive optical splitters in an inside plant environment typically found at the MDU. These enclosures are used to connect feeder and distribution cables via optical splitters in a Fibre-to-the-Premises (FTTP) network application. The FDH product provides a vital cross-connect/interconnect interface for optical transmission signals at the MDU.

The IFDH hardware and components support the architectural flexibility of FTTP allowing fast and reliable interconnection between equipment and cables. The enclosure provides mechanical protection for cables, splices, connectors and passive optical splitters. In addition the product is designed to accommodate a range of fibre counts and support factory installation of pigtails, fanouts, and splitters.

The IFDH enclosure is designed for front access via a swing frame configuration. The unit accommodates either riser or indoor/outdoor cables via sealed grommet entry. Cables are secured with standard grip clamps to provide required pull out strength. The IFDH provides grounding for metallic members and for the cabinet.

Sizes

The IFDH is available in four fibre counts: 72, 144, 288 and 432 fibre terminations.

Special Features

These enclosures are NEMA-12 rated and provide the necessary protection against dust, water spray, insects, and other contaminants. The IFDH enclosures are pre-terminated with fibre stub cables and preassembled with high performance, low loss optical connectors and optical splitters. All units easily accommodate the same 1x16 and 1x32 highdensity splitter modules. These are the same splitter modules used in the outdoor FDH enclosures.

Mounting Applications

The IFDH cabinets provide for mounting directly on a wall, mounting in a 23-inch rack or floor mounting is achieved using a standard 12-inch pedestal.

Fibre Management

The IFDH configuration provides for total fibre management hardware using a unique front facing cross-connect design. The front fibre management allows Splitter Module outputs to be routed and staged within the enclosure so that they can be efficiently connected into service at a later date. The splitter module is designed with the output of the splitter connectorized with pigtails that extend through the front of the module and are routed and staged on parking adapters. The parking adapters do not connect anything, but rather are used as a staging position to locate 100% of the connectorized pigtails until they are ready for deployment. Excess slack can be managed in vertical channels of the cabinet using slack loops. The entire cabinet can be interconnected without congestion. Pigtail connector ends can be guickly identified and connected to distribution fibres. The rear of the cross-connect field is used to manage pre-terminated fibres from the distribution cable. Splitter modules are now a true plug-and-play design, equipped with SC/APC connectors built right into the splitter chassis. This built in input connection automatically engages the feeder fibre upon splitter installation.



Indoor Fibre Distribution Hub 3000



Full Front Access



Rack or Wall Mount



Swing Frame Design for Superior Access



Full Splice Capacity

Specifications

Terminations:
Connectors:
F1 Splice Tray:
F2 Splice Tray:
Splitter Ports:
NEMA Rating:
Access:
Height (Wall Mount):
Height (Floor Mount):
Width:
Depth:
Weight:
-

Up to 72 SC/APC 24f 72f 9 12 Front 21 in. (53 cm) 33 in. (84 cm) 21 in. (53 cm) 14.5 in. (37 cm) 35 lbs (15.9 kg)

IFDH-72

IFDH-144/288
Up to 288
SC/APC
48f
288f
18
12
Front
29 in. (74 cm)
41 in. (104 cm)
21 in. (53 cm)
14.5 in. (37 cm)
50 lbs (22.7 kg)

Up to 432 SC/APC 48f 432f 18 12 Front 39 in. (99 cm) 51 in. (130 cm) 21 in. (53 cm) 14.5 in. (37 cm) 75 lbs (34 kg)

IFDH-432

Ordering Information



KRONE

150⁹⁰⁰¹

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Web Site: www.adckrone.com

EMEA Office: ADC GmbH, Beeskowdamm, 3-11, 14167 Berlin, Germany • Phone: +49 30 8453-1818 Fax: +49 30 8453-1703. For a listing of all ADC KRONE's global sales office locations, please refer to our web site.

UK Office: ADC Communications (UK) Ltd., Runnings Road, Kingsditch Trading Estate, Cheltenham, Gloucestershire GL51 9NQ, United Kingdom • Phone: +44 (0) 1242 264 400 Fax: +44 (0) 1242 264 488 contactuk@adckrone.com

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