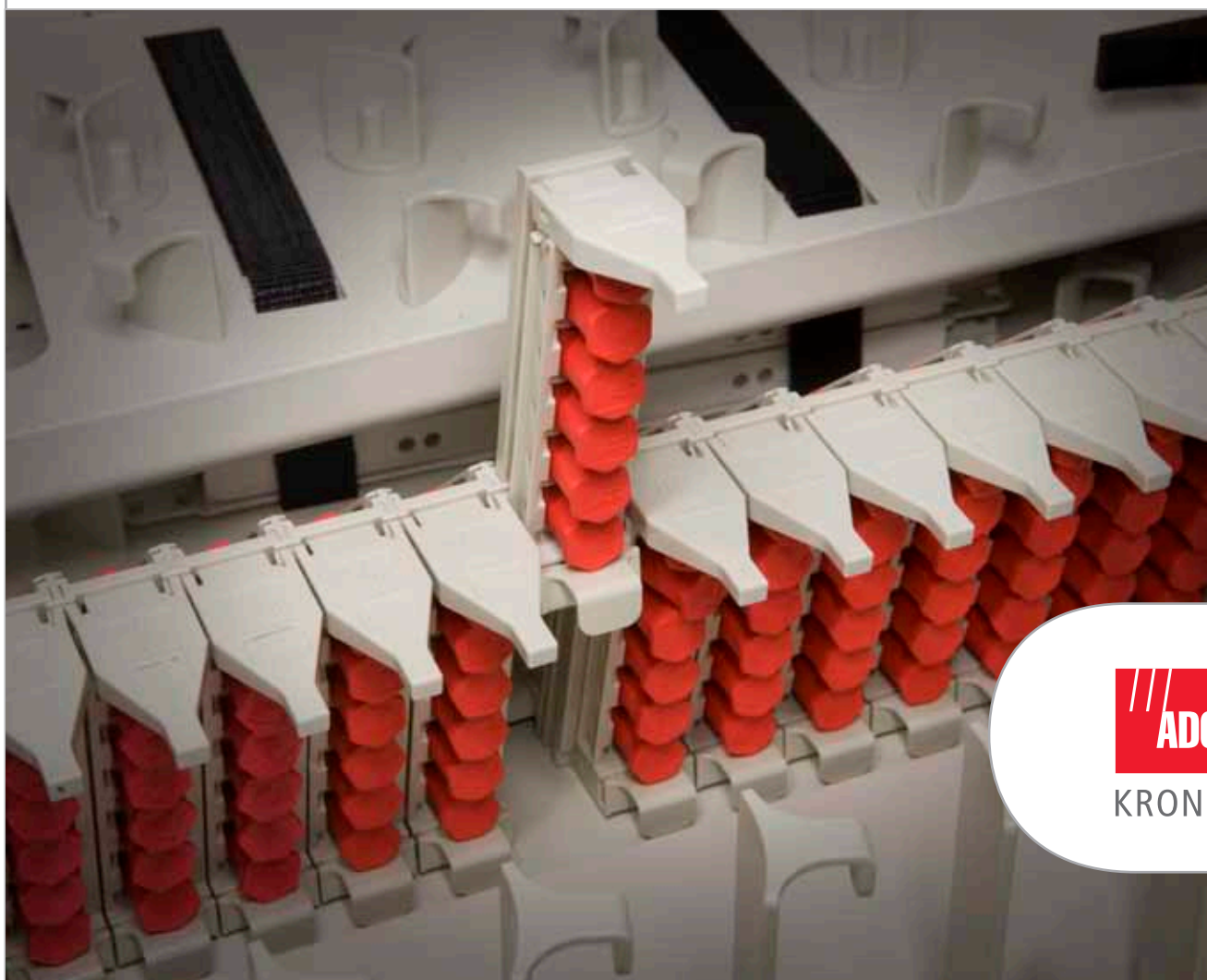


# ODM Series Optical Distribution Module

Modular and Scalable Panel



Compact, flexible and cost-effective fibre cable protection and management solutions.

# ODM Series Fibre Optic Panel

## Industry-leading fibre cable protection

Cable management is an essential consideration in any successful fibre communications network. ADC KRONE's Distribution Module (ODM) series fibre optic panel enables Termination only, Termination / Splice, and Splice-only options incorporating Slack storage and a value-added module (VAM) for optical fibres in a compact 19" w, 2 Rack Unit (RU). The ODM's wide range of features and options are designed for your networks' growing needs.

ADC KRONE's ODM Series utilises a universal chassis designed to fit a variety of different ODMs, allowing carriers to add capacity as their network grows. The most immediate and obvious benefit of the ODM is its lower cost of ownership. When compared to traditional fibre panels, the ODM Series Fibre Optic Panel reduces the up-front investment and offers scalability that is far less expensive and far more linear.



ODM Series Fibre Optic Panel



## *and management solutions.*

ADC KRONE's ODM Series Fibre Optic Panel provides industry-leading fibre cable protection and management. The module utilises an integrated rear splicing system that creates a compact, feature-rich, high-density solution. It achieves densities of 72 / 96 fibre terminations/splices in 2 RU 8.9cm (3.5"). These densities are attained while utilising ADC KRONE's sliding adaptors and front cable guide to ease cable access, protect bend radius and provide individual fibre access. Bend radius guides provide bend radius protection and management of fibres exiting or entering the panel.



The ODM Series utilises a universal chassis designed to fit a variety of different ODM modules. It is equipped with adjustable mounting brackets to provide either 19 or 23 inch rack mounting. An optional wall mount bracket kit is available. The module is available pre-terminated with pigtails or IFC cable to simplify ordering and reduce installation time.



ODM Series Fibre Optic Panel

  
ADC  
KRONE

# ODM Series Fibre Optic Panel

*Designed to fit a variety of different*

## Features

### Modular and Scalable Design

ADC KRONE's modular design offers the value of a single interface for performing multiple tasks in your network. By employing a universal 2 RU modular module, network technicians have familiar access to terminating, splicing and storing fibre. This cable management approach translates to time and money saved for moves, adds and changes.



### Sliding Adaptor Pack

Sliding adaptor packs allow easy access for connecting jumpers and cleaning connectors, ensuring that any fibre can be installed or removed without disturbing adjacent fibres. That means a significant reduction in connector installation/reconfiguration time. Bend Radius Limiters ensure fibre movement without inducing a macro-bend and maintains proper bend radius protection.



### Bend Radius Protector

Bend radius protector provide ultimate fibre management by addressing one of the most critical elements of fibre cable management bend radius protection. It ensures any fibre movement without inducing a macro-bend and maintains proper bend radius protection.

### Termination-Only / Termination and Splice / Splice-Only Modules

This ODM accommodates 72 / 96 fibres standard single circuit access connectors in 2 RU modules. ODM has termination/splicing capability for 72 / 96 fibres in 2 RU. Integrated rear splice trays offer great flexibility in ordering the panel to fit your specific network application.

### Edge Protector

Protect cables from sharp angles at bend points in the cable routing.

### Plug & Play Module

This ODM Series Fibre Optic Panel utilises a common Plug & Play Module. To drive down valuable installation time, no tools are required for assembly.

### Auto Lock Mechanism

This ODM module utilises an auto lock mechanism, allowing secure, controlled accessibility to the module.

### Slack Storage Module

This module properly manages and protects excess optical jumper length within the equipment rack. They may be used in conjunction with other ODM solutions or as a stand-alone storage solution at the equipment rack.

### Value-Added (VAM) Module

The ODM 2 RU Micro-VAM module accommodates up to 12 Micro-VAM modules. The Micro-VAM module is ADC KRONE's highest density and most versatile VAM module.

ODM Series Fibre Optic Panel



# ODM modules.

## Product Overview

Recommended Applications	<ul style="list-style-type: none"> <li>• Small to medium fibre count applications. Offers the secure fibre protection that comes with a drawer solution coupled with a high degree of cable management. Ideal for mixed use with active equipment in either frame or cabinet applications. Using 72 / 96 position panels in configuration up to 432 / 576 terminations (6 stacked)</li> <li>• Medium to High fibre count applications. (Up to 23,000 terminations). ADC KRONE's High-Density fibre frame option is designed with an emphasis on superior cable management and ease of use, including features such as ample trough space for cable and jumpers, easy access to connectors and storage for jumpers, including integrated jumper slack storage</li> </ul>
Description	2 RU (3.5" h) module designed to fit into 19" w universal ODM chassis
Number of fibres Future growth potential	Termination / Splice: 72 / 96. Termination only: 72 / 96. (Up to 23,000 terminations)
Interconnect	Excellent
Cross-connect	Excellent
Accommodates on-frame splicing	Good. Integrated rear splice tray
Accommodates off-frame splicing	Excellent
Rear access	Required. OSP/IFC cables are to be terminated to the rear.
Front access to rear connector	Yes
Customer premises application	Excellent
19" mounting	Yes
23" mounting	Yes
Cabinet mount	Yes
Wall mount	Yes. Optional wall mount kit
Mix equipment with fibre product?	Excellent
Use as dedicated fibre frame	Yes. ADC KRONE's High-Density Frame designed to fit a variety of network applications
VAM capabilities	Yes. 2 RU 8.9cm h (3.5" h) Micro-VAM plug-ins module
Optimum jumper storage location	Yes. 2 RU 8.9cm h (3.5" h) Slack Storage module
Cable guide	Yes. Bend radius guides on either side of the panel

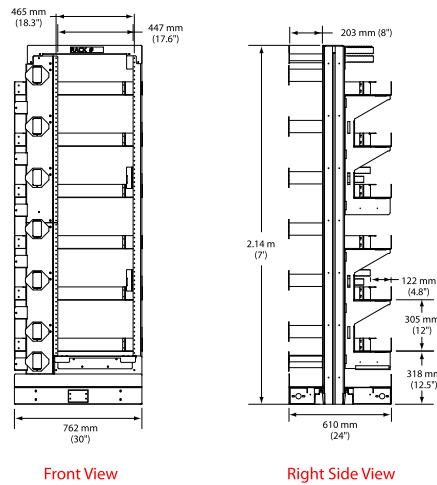
ODM Series Fibre Optic Panel



# ODM Series Fibre Optic Panel

## Fibre Main Distribution Frame

The high-density fibre main distribution frame (FMDF) is the cornerstone of the ODM product line. It utilises an industry-standard base frame and has six horizontal rear troughs and front upper and lower troughs. This abundant trough space minimises fibre pileup and congestion, leading to easier jumper traceability and removal. The frame has mounting positions for 20 ODM 72 / 96 position, high-density fibre termination panels for a total of 1,920 terminations using 2.0 mm patch cords. For additional flexibility in cable routing, the frame also includes a built-in jumper storage panel on the left hand side. The open design of this panel allows for nearly direct routing and shorter patch cord lengths.



ODM Series Fibre Optic Panel

### Frame Lineup Capacity Comparisons

	ODM High-Density Fibre Distribution System	Standard Optical Distribution Frame (ODF) System
Frame termination capacity	1,920	648
Horizontal trough configuration	(6) rear troughs, (1) front upper and (1) lower cable troughs	(1) front upper and (1) lower cable troughs
Maximum number of frames in a lineup using 2.0 mm jumpers	18 (1,440/frame)	6
Maximum number of frames in a lineup 1.7 mm jumpers	26 (1,440/frame)	10
Maximum number of terminations allowed in a frame lineup before exceeding two-inch pileup of 2.0 mm jumper	25,920	4,120
Maximum number of terminations allowed in a frame lineup before exceeding two-inch pileup of 1.7 mm jumpers	37,440	6,422
Recommended minimum number of frames for initial installation	1	1







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