

Optical Distribution Frames

With FAME® Technology

Whether a service provider is considering fibre-to-the-node, fibre-to-the-curb, fibre-to-the-building or fibre-to-the-home, the number of fibres installed in the network is growing. This growth requires changes in both the central office and the outside plant environments and the capability of a service provider's optical distribution frame (ODF) to handle large amounts of fibre has become crucial to the success of advanced network deployments.

In order to respond quickly to customers' changing needs and to ensure maximum network uptime and reliability, service providers require a flexible ODF solution. And as central office floor space is often at a premium, saving that floor space by increasing ODF density can provide significant cost-savings. Working closely with service providers, ADC KRONE has developed a new ODF with FAME® technology to address these key requirements.

FAME technology is based on a splice cassette system consisting of one splice cassette (either single circuit or single element), a cable guide element and a cable lead. Individual splice cassettes each hold two splice connectors as well as the splice reserve lengths of the fibre. Both crimp and heat shrink splice protectors can be used. Fibres or loose tubes are routed to the splice module, then, without additional distribution elements, separated and routed directly into the subscriber cassette. Uncut or unused fibres can be stored in a separate channel. The integrated fibre channel facilitates fibre jumpering between the cassettes. After installation, the cassettes' design prevents motion of loose tubes and any other fibres during routine operations or repairs.

The new high-density ODF terminates and splices up to 1440 fibres in a 1800mm x 1500mm x 300mm footprint and 1752 fibres in a 2200mm x 1500mm x 300mm footprint. The frame protects fibre cable and connections through use of patented angled adapter/retainers and design features that maintain correct bend radii throughout the frame.



Features and Benefits

- High density and flexibility with total front access saves valuable floor space and allows easy access to fibre terminations for rapid response to customer-specific requirements
- Protected fibre routing improves network availability and reduces risk of network downtime
- Splicing cassettes open to the front and cause no movement of other fibres, assuring network reliability
- Labeling on the front and inside of each cassette allows easy identification of connections, ensuring fewer technician errors
- Preconfigured solutions shorten installation time and reduce both CAPEX and OPEX
- Superior cable management protects cables and connectors and reduces reconfiguration time

TECHNICAL DATA



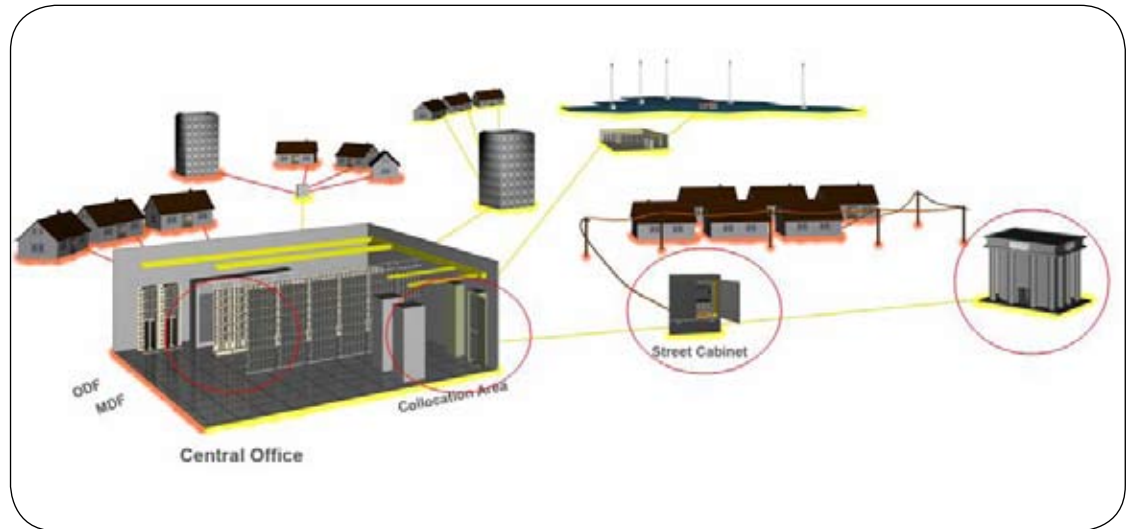
Technical Assistance

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Application



Product Specifications

Capacity:

ODF with Fame technology 1800mm height, 1440 / small-form-factor ports

ODF with Fame technology 2200mm height, 1752 / small-form-factor ports



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06/08 • 300340BE Optical Distribution Frames with FAME® Technology

Ordering Information		
Description	Dimension	Catalogue Number
Access frame 1440 LC angled polish adapter ports, 480 loaded ports	1800mm x 1500mm x 300mm	ODF-7087 1 004-00
Backbone frame 1440 LC angled polish adapter ports, 144 loaded ports	1800mm x 1500mm x 300mm	ODF-7087 1 005-00
Access frame 1752 LC angled polish adapter ports, 584 loaded ports	2200mm x 1500mm x 300mm	ODF-7087 1 006-00
Backbone frame 1752 LC angled polish adapter ports, 144 loaded ports	2200mm x 1500mm x 300mm	ODF-7087 1 007-00
Accessories		
Micro distribution pigtail set, with LC angled polish connectors		
480-port		ODF-7087 1 101-00
584-port		ODF-7087 1 102-00
144-port		ODF-7087 1 103-00
4-port		ODF-7087 1 101-01
Hardware		
Door		
Lock S1	1800mm x 600mm	DFO-7039 1 155-50
Lock S2	1800mm x 600mm	DFO-7039 1 155-51
Lock S2	1800mm x 300mm	DFO-7039 1 255-50
Lock S1	2200mm x 600mm	DFO-7039 1 105-50
Lock S2	2200mm x 600mm	DFO-7039 1 105-51
Lock S1	2200mm x 300mm	DFO-7039 1 115-50
Tube holder for blown fiber		ODF-7087 1 130-00
FiberGuide® support for standard installation		ODF-7087 1 150-00
FiberGuide® support for back to back installation		ODF-7087 1 151-00
OSP cable clamp		ODF-7087 1 120-00

TECHNICAL DATA



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