

OmniReach® FTTX Solutions

Cross-Connect Cabinet 92 with FAME® Technology



Description

ADC KRONE's OmniReach® Cross-Connection Cabinet 92 now accommodates FAME® single circuit/single element splicing cassettes, providing maximum density and ease of use for service providers deploying Fiber to the Home or Building (FTTH/FTTB).

Made of fiber glass reinforced polycarbonate, a heat-insulated material, the cabinet is protected from dust deposits caused by convection, as well as formation of condensation during sudden drops in temperature. A plastic base plate prevents rising moisture from the ground entering the cabinet. The slot-in door is prepared for installation of a standard profile lock.

The preassembled cabinet is delivered attached to the mounting plinth, simplifying installation and reducing time to service delivery.

The cabinet's industry-standard PROFIL rod mounting frame accepts up to three FAME splice modules. The familiar mounting system requires less technician training and allows network operators to roll out advanced services more quickly.

The OmniReach Cross-Connection Cabinet 92 with FAME splicing technology allows network operators to carry out efficient and targeted conversion of their networks to fiber optic technology.

Features and Benefits

FAME Splicing Technology

- PROFIL splice modules with single circuit/single element technology
- Easy integration into existing distribution systems
- Quick, cost-effective installation
- High module diversity
- Potential for use in a wide variety of network applications
- Cassettes can also accommodate optical monitor, splitter or xWDM components

Cross-Connection Cabinet 92

- Fiber glass reinforced polycarbonate material for long service life
- Slot-in front door prepared for installation of profile cylinder lock
- Standard PROFIL mounting rod system accommodates up to three FAME splicing modules
 - Up to three single element cassette modules (12 splice trays per module:
 - 144 splices per module)
 - Up to three single circuit cassette modules (24 splice trays per module:

TECHNICAL DATA



Technical Assistance

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Specifications

Cross-Connection Cabinet 92

Dimensions (Height x Width x Depth)

Without mounting plinth:	846mm x 425mm x 300mm
With mounting plinth:	1449mm x 425mm x 300mm

Protection class:

IP 54 in accordance with IEC 529

Temperature

Ambient temperature:	-40° to + 75° C
Relative humidity:	5% to 95%

Material

Cabinet:	Polycarbonate
Frames:	Stainless steel
Other metal parts:	Zinc-coated sheet metal

Flammability:

UL 94 V-0

Environment:

RoHS and WEEE-compliant

Cabinet color:

Grey, similar to RAL 7038

Cable tube capacity

3 backbone
(72) 5mm access tubes
(56) 7mm access tubes

FAME Splice Module

Dimensions (Height x Width x Depth):

205mm x 223mm x 173mm

Weight:

Approximately 1300 grams
(depending on configuration)

Color

Case:	RAL 7035, covers RAL 6002
Splice cassettes:	RAL 7032 or RAL 9005
Holding Elements:	RAL 9005

Material:

UL 94 V-0, halogen-free

Operation temperature:

-40° to +75° C
(when pigtailed or a micro distribution cable are used,
the temperature range may be reduced)

Environment:

RoHS and WEEE-compliant

Mounting system:

ADC KRONE PROFIL

Fiber optic feeder cables:

Via fiber-optic cable guide at side and back

Ordering Information

Description	Catalogue Number
Cross-Connection Cabinet 92	
Cabinet with splice module(s).	
<ul style="list-style-type: none"> Each splice module accommodates 96 fibers Splice module includes single circuit splice cassettes for crimp or heat shrink splicing. Cabinet includes plinth; 500mm profil mounting rods; door prepared for installation of profile half cylinder locking mechanism 	
Cabinet with 1 splice module (96 fibers; crimp or heat shrink splices)	FTX-6992 1 201-01
Cabinet with 2 splice modules (192 fibers; crimp or heat shrink splices)	FTX-6992 1 202-01
Cabinet with 3 splice modules (288 fibers; crimp or heat shrink splices)	FTX-6992 1 203-01
Cabinet with splice module(s).	
<ul style="list-style-type: none"> Each splice module accommodates 144 fibers Splice module includes single element splice cassettes for crimp splicing Cabinet includes plinth; 500mm profil mounting rods; door prepared for installation of profile half cylinder locking mechanism 	
Cabinet with 1 splice module (144 fibers; crimp splices)	FTX-6992 1 210-01
Cabinet with 2 splice modules (288 fibers; crimp splices)	FTX-6992 1 220-01
Cabinet with 3 splice modules (432 fibers; crimp splices)	FTX-6992 1 230-01
Cabinet with splice module(s).	
<ul style="list-style-type: none"> Each splice module accommodates 144 fibers Splice module includes single element splice cassettes for heat shrink splicing Cabinet includes plinth; 500mm profil mounting rods; door prepared for installation of profile half cylinder locking mechanism 	
Cabinet with 1 splice module (144 fibers; heat shrink splices)	FTX-6992 1 210-02
Cabinet with 2 splice modules (288 fibers; heat shrink splices)	FTX-6992 1 220-02
Cabinet with 3 splice modules (432 fibers; heat shrink splices)	FTX-6992 1 230-02
Cross-Connection Cabinet 92 Accessories	
Slot-in door IP 54 rated; prepared for customer installation of profile half cylinder locking mechanism	6992 2 508-00
Break-off elements (set includes 4)	6992 2 509-10
Roof	OEC-6992 2 511-00
Front flap	6992 3 504-00
Condensation trap	6992 2 504-00
Mounting plinth	6992 2 500-00
Vapor seal	6992 2 504-00
Predetermine break-point elements (for mounting cabinet to plinth)	6992 2 503-00
Profile cylinder, design type 7/30° with 1 key, lock code STW	6982 2 030-51
Profile cylinder with 1 key, lock code KRONE-19	7056 2 360-00
FAME splice modules for PROFIL mounting	
With 12 single element splice trays (top cover closed)	ODF-7087 1 500-00
With 12 single element splice trays (top cover open)	ODF-7087 1 500-10
With 24 single circuit splice trays (top cover closed)	ODF-7087 1 502-00
With 24 single circuit splice trays (top cover open)	ODF-7087 1 502-10
Accessories for splice modules	
Maxi-Strip splice holder (2 pieces) ¹	ODF-7096 2 140-00
Heat shrink splice holder (2 pieces) ¹	ODF-7096 2 150-00
Ribbon splice holder ¹	ODF-7096 2 170-00
Tube holder (1.8, 2.8 and 4.5mm) (10 pieces)	ODF-7087 2 003-00
Micro-distribution fan-out (12 fiber x 0.9 buffer) (1 piece)	ODF-7087 2 001-00
Buffered fiber holder (6 fiber x 0.9mm) (10 pieces)	ODF-7087 2 002-00
Tube (Diameter = 4.8/3.1mm) for blown fiber application	Upon request
5mm clear tubing (PTFE), 10 meters	ODF-7096 2 180-00
Small retainer kit (12 pieces)	ODF-7096 2 190-00
Large retainer kit (12 pieces)	ODF-7096 2 190-01
Crimp splice holder kit (12 pieces)	ODF-7096 2 140-12
Heat shrink splice holder kit (24 pieces)	ODF-7096 2 150-24

¹ Only required for single element splice trays

TECHNICAL DATA



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