

CAPM cassettes

Description:

The OPTOKON **CAPM cassette** offers a convenient and much more reliable alternative to unprotected pigtail splicing or field termination. The **CAPM cassettes** accept passive fiber optic components such as attenuators, couplers/splitters, WDM and CWDM multiplexers, filters, circulators and many other networking devices. As the fiber optic components have been installed into the **CAPM cassettes** it is possible to include them into fiber optic networks by using the standard system of Optical Distribution Frames without any need for special distribution frames.

Types:

- CAPM Not equipped module
- CAPM/P Pigtail module
- CAPM/F Fan-out module
- CAPM/S Splice module
- SFT-CAPM Coupler/Splitter module
- SFW-CAPM WDM/CWDM module

Parts assembly:

- Main body
- Top cover
- Front adapter panel
- Rear panel
- Adapters, cable grommet, pigtails, fan-out, ...

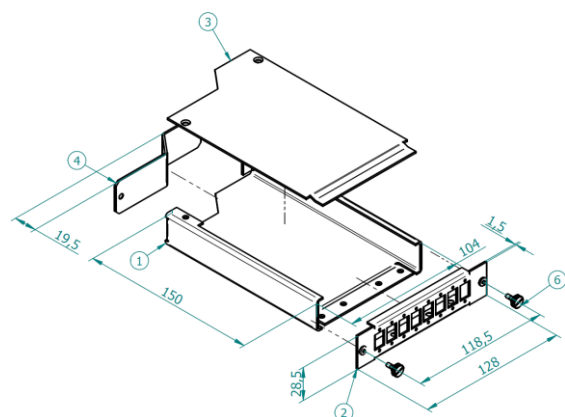
Applications:

- Preterminated cables
- Pigtail splicing
- Ribbon pigtail
- Splitter/coupler
- WDM, CWDM multiplexers

Features:

- Factory terminated and 100% tested
- Rugged and secure snap-in modular housing
- Accepts single or ribbon fibers cable
- Cable designed for easy splice preparation
- Wide range of passive fiber optic components
- Reduces installation time

Dimensions:



Parts:

- 1) Main body
- 2) Front adapter panel
- 3) Top cover
- 4) Rear entry panel
- 6) Screws CNPM

19" Installation possibilities:

OFDU-CAP – 3U frame for 12x CAPM



FP-1S / FP-1E – 1U front panel for 2x / 3x CAPM



Ordering Code:

1. Not equipped module (Empty CAPM cassette-only KNS-SH-D splice holders)

CAPM		X	-	X	-	XX(-DIN) ³
Front panel adapter type		Rear panel				
		Cable entry type		Adapter entry type		
SC-06	6 x SC adapter	B	Blank panel	M	MPO (MTP)	
SC-08	8 x SC adapter	C	Cable entry panel ¹	SC	SC adapter	
E2-06	6 x E2000 adapter	A	Adapter entry panel	E2	E2000 adapter	
E2-08	8 x E2000 adapter			FC	FC adapter	
FC-06	6 x FC adapter			ST	ST adapter	
FC-08	8 x FC adapter				Other on request	
ST-06	6 x ST adapter					
ST-08	8 x ST adapter					
MJ-06	6 x MT-RJ adapter					
DLC-06	6 x LC duplex					
DLC-08	8 x LC duplex					
DSC/QLC-03²	3 x DSC or QLC					
DSC/QLC-06²	6 x DSC or QLC					
	Other type on request					

Note: 1) Including PG9 cable gland

(Cables Ø up to 9.0 mm)

2) Adapters without fixing by screws

3) Optional - equipped with DIN holder

CAPM components:



CAP-front panel E2/SC/DLC-06



CAP-front panel DE2-06



CAP-front panel DSC/QLC-06



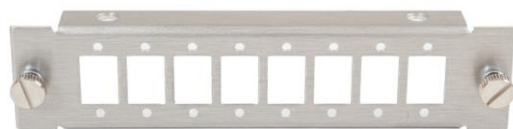
CAP-front panel DSC/QLC-03



CAP-front panel FC/ST-06



CAP-front panel FC/ST-08



CAP-front panel E2/SC/DLC-08



B - Rear blank panel



C - Rear entry panel



C - Rear entry panel with cable

2. Pigtail module

Includes pre-terminated optical cable, appropriate adapters and PG9 cable grommet (cables $\varnothing$ up to 9.0 mm)

CAPM/P - XX-XXX

XX - Fibers number	
up to 24	
XXX - Type of fiber	
OM1	MM 62.5/125 μ m
OM2	MM 50/125 μ m
OM3	MM 50/125 μ m
S2D	SM G.652D
S5X³	SM G.655C-D
S7X³	SM G.657A-E

XX

XX² - Cable type	
TB	Tight buffered
UT	Uni tube
RB	Ribbon

XXX(F)⁵ X

		XX - Length (m)	
<i>Front panel adapter type⁴</i>			
XXX		X	
ST(F)	ST	M	Multimode
SC(F)	SC	S	Singlemode
FC	FC	A	APC
E2(F)	LSH (E2000)		
MJ	MT-RJ		
DSC¹	Duplex SC		
DLC(F)	Duplex LC		
QLC¹	Quadruplex LC		
MU(F)	MU		

Note: 1) Adapters without fixing by screws
3) **X** - Refer to relevant fiber type, for example: S7A - G.657A
5) **F** - Fixed adaptors by screws

2) Other type - on request
4) FC, ST, E2 - up to 8 fibers capacity
6) Optional - equipped with DIN holder

3. Fan-out module

Internal interconnection between MPO/MTP ribbon connector and up to 12 single connectors SC, LC, ...

CAPM/F - XX-XXX

XX - Fibers number up to 24	
XXX - Type of fiber	
OM1	MM 62.5/125 μ m
OM2	MM 50/125 μ m
OM3	MM 50/125 μ m
S2D	SM G.652D
S5X²	SM G.655C-D
S7X²	SM G.657A-E

XXX(F)⁴ X

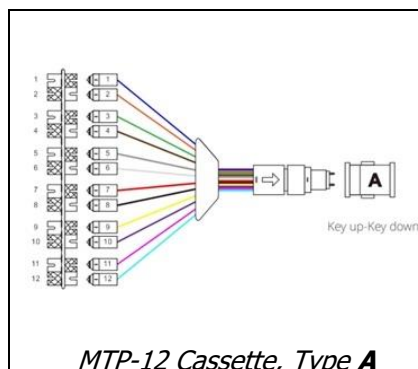
		Mx-X(-DIN)⁵	
		M - Rear adapter MPO/MTP	
		x - Type of connector	
		M – Male, F – Female	
		X – Type of pairs connection	
		A – Straight, AF – Cross	
Front panel adapter type³			
XXX		X	
ST(F)	ST	M	Multimode
SC(F)	SC	S	Singlemode
FC	FC	A	APC
E2(F)	LSH (E2000)		
MJ	MT-RJ		
DSC¹	Duplex SC		
DLC(F)	Duplex LC		
QLC¹	Quadruplex LC		
MU(F)	MU		

Note: 1) Adapters without fixing by screws
3) FC, ST, E2 - up to 8 fibers capacity
5) Optional - equipped with DIN holder

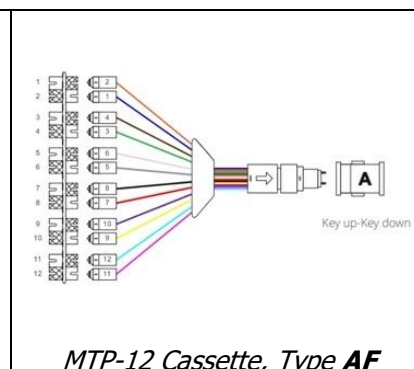
2) **X** - Refer to relevant fiber type, for example: S7A - G.657A
4) **F** - Fixed adaptors by screws



CAPM/F-12xS2D-DSC A-M-MF-A



MTP-12 Cassette, Type A



MTP-12 Cassette, Type AF

4. Splice module

Includes pigtails, adapters, PG9 cable grommet - cables Ø up to 9.0 mm, splice protections and splice bridge

CAPM/S - XX XXX - XXX(F) ⁴ X - (DIN) ⁵	
XX - Fibers number	
Up to 12	
XXX - Type of fiber	
OM1	MM 62.5/125 µm
OM2	MM 50/125 µm
OM3	MM 50/125 µm
S2D	SM G.652D
S5X²	SM G.655C-D
S7X²	SM G.657A-E
Front panel adapter type³	
XXX	X
ST(F)	ST M Multimode
SC(F)	SC S Singlemode
FC	FC A APC
E2(F)	LSH (E2000)
MJ	MT-RJ
DSC¹	Duplex SC
DLC(F)	Duplex LC
QLC¹	Quadruplex LC
MU(F)	MU

Note:

- 1) Adapters without fixing by screws
- 2) X – Refer to relevant fiber type, for example: S7A – G.657A
- 3) FC, ST, E2 – up to 8 fibers capacity
- 4) F – Fixed adaptors by screws
- 5) Optional - equipped with DIN holder

5. Coupler/Splitter module

Including appropriate coupler/splitter and adapters

For ordering code see Coupler/Splitter datasheet

(CPL_06-02_EN-SFT-S35-01x02, CPL_08-02_EN-SFT-S35-01xN)

SFT-S35-01X04-25-CAPM-USC



6. WDM module

Including appropriate WDM and adapters

For ordering code see WDM datasheet

(CPL_03-02_EN-SFW)

SFW-D35-CAPM-NE2S

