

Value-Added Modules

WDM Module for Optical Distribution Frames and Panels

WDM Module Types

02/08 • 101663BE Value-Added Module System

<p>Standard VAM (WDM) for industry-standard ODF and FL2000 chassis</p> <p>Available Ports:</p> <ul style="list-style-type: none"> • SC, E2000: 6 front (+ 4 rear in ODF) • LC: 12 front (+ 8 rear in ODF) • FC: 6 front (+ 4 rear in ODF) 	<p>WideVAM (WDMW) for industry-standard ODF chassis</p> <p>Available Ports:</p> <ul style="list-style-type: none"> • SC, E2000: 18 front + 12 rear • LC: 36 front + 24 rear • FC: 18 front + 12 rear
<p>High-Density VAM (MXM-W) for OMX600 chassis</p> <p>Available Ports:</p> <ul style="list-style-type: none"> • SC, E2000: 9 front • LC: 10 front • FC: 7 Front 	<p>MicroVAM (FMT-MW) for NGF and FMT chassis</p> <p>Available Ports:</p> <ul style="list-style-type: none"> • SC, E2000: 6 front (+ 3 rear for NGF) • LC: 8 front (+ 6 rear for NGF) • FC: 6 front (+ 3 rear for NGF)

WDM Module Options

<p>2 Common Front, λ Front</p>	<p>3 Common Front, λ Rear</p>	<p>4 Common Rear, λ Rear</p>	<p>5 Common Rear, λ Front</p>
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WDM Component Types

<p>A</p>	<p>C</p>	<p>E</p>	<p>G</p>
<p>J</p>	<p>K</p>	<p>L</p>	<p>M</p>

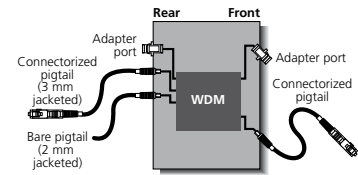
Other configurations are available upon request.
Please contact ADC KRONE Technical Assistance Center at +32 2 712 6542

Value-Added Modules

WDM Modules for Optical Distribution Frames and Panels

WDM Module Types

WDM-	Standard VAM for industry-standard ODF and FL2000 chassis
WDMW-	WideVAM for industry-standard ODF chassis
FMT-MW	MicroVAM for NGF and FMT chassis
MXM-W	HD VAM for OMX600 chassis



Connectorized Example

02/08 • 101663BE Value-Added Module System

Catalogue Number

WDM Module Options

2	Common front, λ front
3	Common front, λ rear
4	Common rear, λ rear
5	Common rear, λ front

Common Port Connector/Adapter

7U	SC ultra polish
7A	SC angled polish
KU	LC ultra polish
KA	LC angled
8A	E2000 angled
2U	FC ultra polish
2U	FC ultra polish
00	Bare fibre

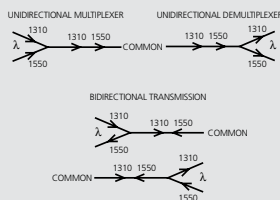
λ Port Connector/Adapter

7U	SC ultra polish
7A	SC angled polish
KU	LC ultra polish
KA	LC angled
8A	E2000 angled
2U	FC ultra polish
2U	FC ultra polish
00	Bare fibre

Module Configuration^{1,2}

A	Single
B	Dual

In the ordering charts, "common" references the multiplexed side of the WDM, the side where two optical signals co-exist on one fibre. " λ " references the demultiplexed side of the WDM, the side where each signal appears on its own fibre. Both unidirectional and bidirectional WDMs are available as shown below.



λ Port Pigtail Length
Common Port Pigtail Length

Example (in meters):
01 = 1 m
10 = 10 m
0 = Adapters only on input and output ports

Wavelength

A	1310 (λ_1)/1550 (λ_2)
D	1550 (λ_1)/1625 (λ_2)
F	1310 (λ_1)/1625 (λ_2)

Isolation

1	Standard
2	High
3	Very High

WDM Component Types (λ_1 : λ_2)

A	Unidirectional multiplexer
C	Unidirectional demultiplexer
E	Bidirectional λ_1 Tx/ λ_2 Rx
G	Bidirectional λ_1 Tx/ λ_2 Tx
J	45 dB isolation, pass 1310
K	45 dB isolation, pass 1550
L	(Dual only) unidirectional multiplexer, unidirectional multiplexer ³
M	(Dual only) bidirectional λ_1 Tx/ λ_2 Rx, bidirectional λ_2 Tx/ λ_1 Rx

¹ Maximum number will vary by VAM type

² Please verify against number of ports available on the opposite page before ordering.

For specifications, see page 31.

Ordering Example: MicroVAM, Common front, λ Rear, SC ultra polish, single, 1310/1550 standard isolation, bidirectional, adapter only order, FMT-MW37U7UAE1A000

Other configurations and split ratios are available upon request. Please contact ADC KRONE Technical Assistance Center at +32 2 712 6542