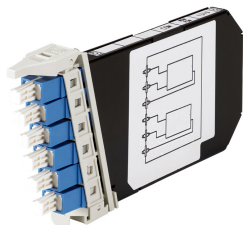


NGF-FMT-WDM-MODULES

Base Product



FMT/NGF MicroVAM Fiber Optic xWDM Modules

CommScope's Value-Added Module (VAM) system adds flexibility and functionality to the optical transport system by enabling service providers to easily incorporate optical components into the network. This versatile platform lays the foundation for the optical network of the future.

CommScope's VAM Modules feature:

- Enclosed Plug-in modules protect the optical components from physical and environmental damage
- Angled retainers maintain minimum bend radius of fiber patch cords
- Pluggable modules can be added or removed from the chassis without interfering with existing terminated patch cords
- Flexible platform: modules can be created for new applications quickly and easily to meet customer requirements
- Custom configurations are available upon request

The NGF VAM WDM system consists of a variety of optical component modules that fit into the NGF ODF VAM blocks and FMT fiber panels.

WDM applications include:

- Wavelength Division Multiplexing Increase capacity without deploying additional fiber
- CWDM Applications Increase bandwidth by transmitting multiple wavelengths simultaneously
- DWDM Applications Further increase bandwidth and capacity using closely spaced wavelengths in the ITU grid

Product Classification

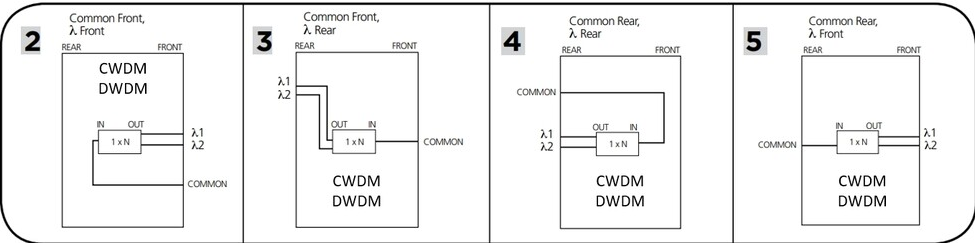
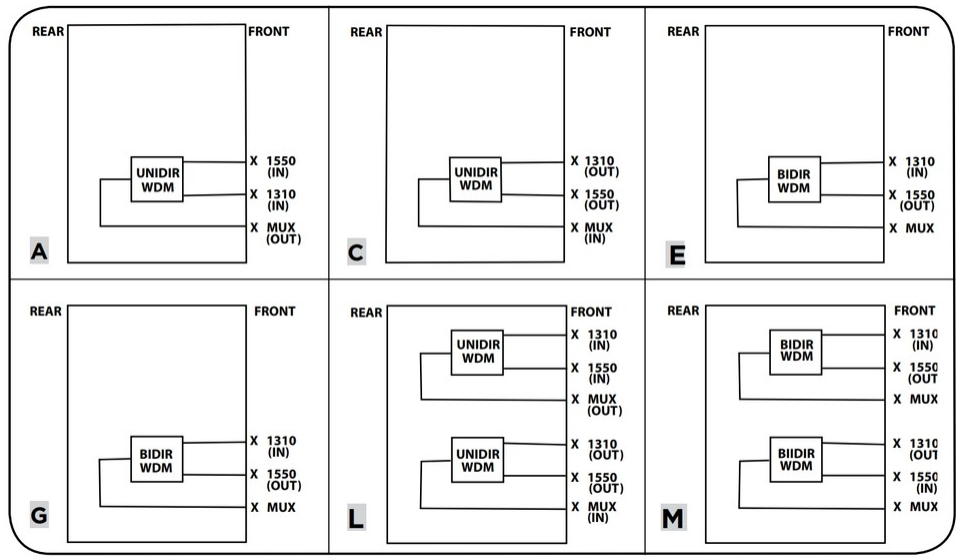
Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	CommScope®
Product Type	CWDM module DWDM module WDM module
Product Series	NGF

General Specifications

Device Type	Micro VAM
Functionality	Demultiplexing Multiplexing
Application	For use with FMT panels For use with NGF frames
Interface, Input	LC/APC LC/UPC SC/APC SC/UPC
Interface, Output	LC/APC LC/UPC SC/APC SC/UPC

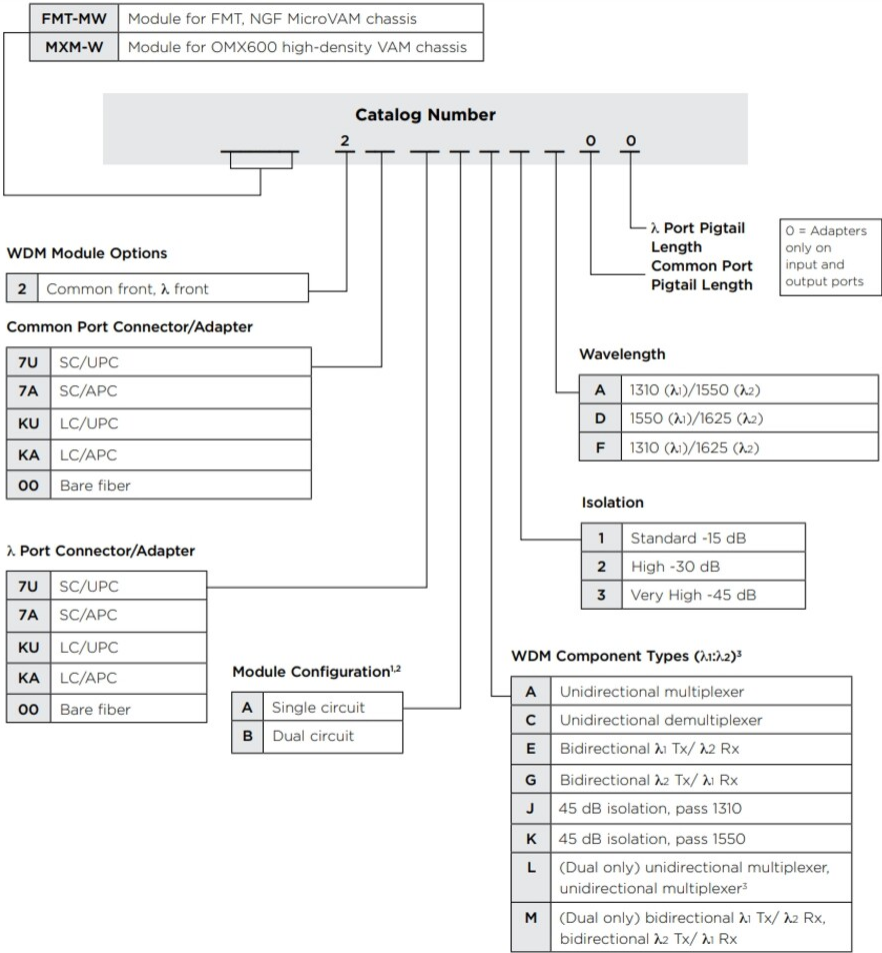
NGF-FMT-WDM-MODULES

Port Configuration



Ordering Tree

NGF-FMT-WDM-MODULES



NGF-FMT-WDM-MODULES

CWFMT-

Module for FMT, NGF MicroVAM chassis

CWMXM-

Module for OMX600 high-density VAM chassis

Catalog Number

2

0

CWDM Module Options

2

Common front, λ front

Common Port Connector/Adapter

7

SC/UPC

L

SC/APC

2

LC/UPC

K

LC/APC

λ Port Connector/Adapter

7

SC/UPC

L

SC/APC

2

LC/UPC

K

LC/APC

Number of Channels per Circuit¹

A

8

B

4

C

10

D

2

E

1

Highest Channel Wavelength

A

1610 nm

B

1590 nm

C

1570 nm

D

1550 nm

E

1530 nm

F

1510 nm

G

1490 nm

H

1470 nm

J

1450 nm

K

1430 nm

L

1410 nm

M

1390 nm

N

1370 nm

P

1350 nm

Q

1330 nm

R

1310 nm

S

1290 nm

T

1270 nm

Custom Configurations

000

Standard module

Number of Circuits

1

1

2

2

3

3

4

4

5

5

6

6

1310 nm Upgrade Port

Y

Yes

N

No

MUX or DEMUX

A

MUX 8 channel and greater only

B

DEMUX 8 channel and greater only

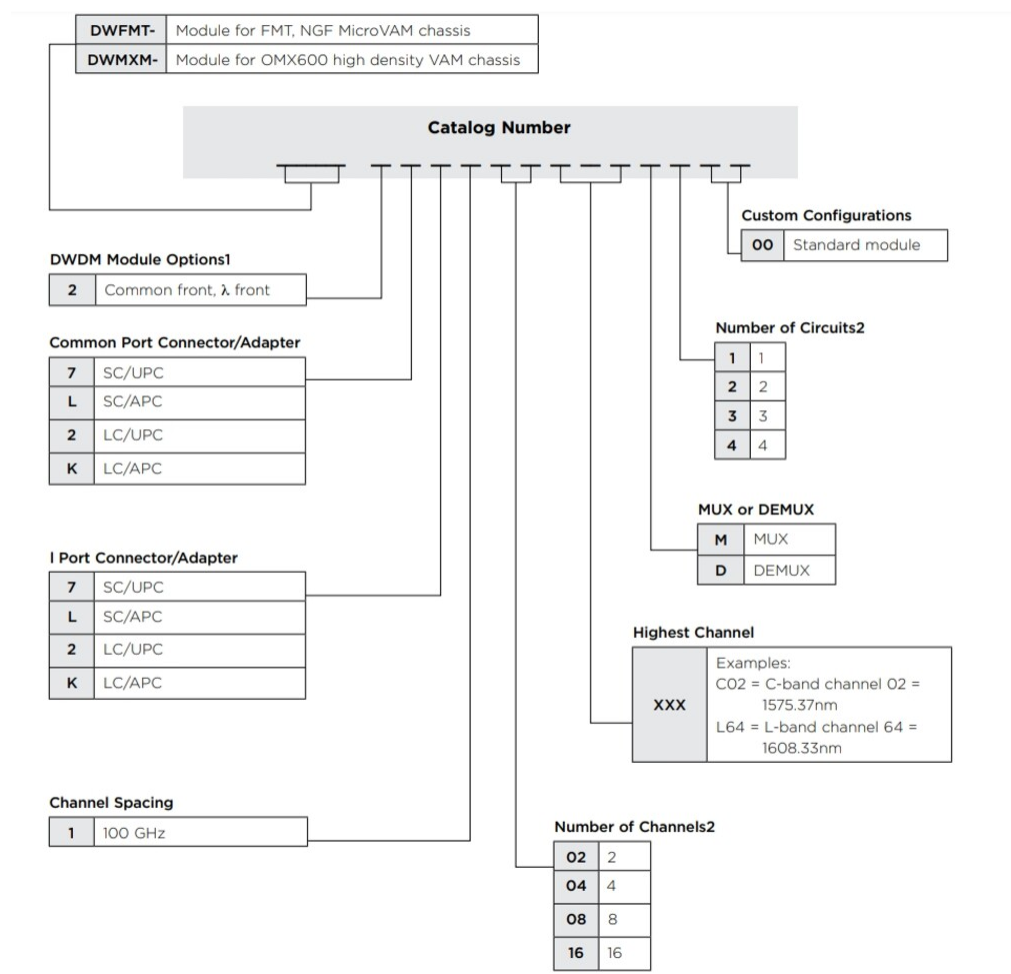
C

MUX/DEMUX 4 channel or less

D

MUX/DEMUX 8 channel

NGF-FMT-WDM-MODULES



Environmental Specifications

Environmental Space Indoor

Packaging and Weights

Packaging quantity 1