

Cisco ONS 15216

Metro DWDM

Platform

Introduction

OTBU is proud to announce orderability of the Cisco ONS 15216 DWDM platform, part of the Cisco ONS 15200 metro DWDM solution.



The Cisco ONS 15200 metro DWDM solution supercharges wavelength services and provides radical economics for service providers. The ONS 15200 delivers instant wavelength services to the customer premise or between carrier PoPs, interoperates seamlessly with the industry-leading Cisco ONS 15454 and ONS 15327 metro optical transport platforms, and offers the highest service density and lowest cost per wavelength. The ONS 15200 is scalable in single wavelength increments, aggregates wavelengths, and provides metro and regional-metro ring, star and point-to-point networks.

The Cisco ONS 15200 Metro DWDM Solution includes the ONS 15252, ONS 15201, and ONS 15216 platforms. The ONS 15252 multichannel wavelength system and ONS 15201 single channel wavelength system combine to deliver wavelength services for OC3/STM1, OC1212/STM4, OC48/STM16, POS, Gigabit Ethernet, FICON, ESCON and Fiber Channel.

The Cisco ONS 15216 metro DWDM platform includes the following components:

- **18 Wavelength Mux/Demux**—The Cisco ONS 15216-Mux/Demux consists of a base and an upgrade module and provides scalable filtering of up to 18 ITU wavelengths for use at hub or terminal sites.
 - 9 Wavelength Base Red Filter
 - 9 Wavelength Upgrade Blue Filter



- *Optical Add/Drop Multiplexers (OADM)*—The Cisco ONS 15216-OADM consists of a 1-channel unit and a 2-channel unit that provide ITU wavelength filtering for sites along an optical DWDM ring.
 - 1-Channel, Optical Add/Drop Mux
 - 2-Channel, Optical Add/Drop Mux
- *C-Band Erbium Doped Fiber Amplifier (EDFA)*—The Cisco ONS 15216-EDFA provides optical amplification to extend the DWDM system's optical reach to 400km and beyond.

Availability

ONS 15216 Product	Date Orderable	FCS Date
ONS 15216 EDFA	Now	June 8, 2001
ONS 15216-Filters	Now	June 8, 2001
ONS 15216 OADM	Now	June 8, 2001

Ordering Information

The Cisco ONS 15216 products may be ordered through the Cisco Networking Products Marketplace online order entry tool. The product names and new common language equipment identifier (CLEI) codes for the Cisco ONS 15216 products are provided in the following tables. To access current CLEI code information for all Cisco products, please refer to the Cisco online CLEI Code Tool (<http://tools.cisco.com/emco/pnclei/prsc>).

ONS 15216 DWDM Filters

The part names below represent a rebranding of the ONS 15516 DWDM filters (refer to Cisco Product Bulletin #1370).

Product Name	Product Description	CLEI Code
15216-MD9-2-BLUE	ITU-200 GHz 9x9 blue mux/demux	WMMFC00BRB
15216-MD9-2-BLUE=	ITU-200 GHz 9x9 blue mux/demux	WMMFC00BRB
15216-MD9-2-RED	ITU-200 GHz 9x9 red mux/demux	WMMFB00BRB
15216-MD9-2-RED=	ITU-200 GHz 9x9 red mux/demux	WMMFB00BRB

ONS 15216 Optical Amplifiers

Product Name	Product Description	CLEI Code
15216-EDFA1=	Metro Erbium Doped Fiber Amplifier 17 dBm	WMM4Y80BRA



ONS 15216 1-Channel DWDM Add/Drop Filter

Product Name	Product Description	CLEI Code
15216-AD1-2-60.6=	ITU-200 GHz 1-channel, 2 path OADM ch. 1560.61nm	WMM4WE0BRA
15216-AD1-2-58.9=	ITU-200 GHz 1-channel, 2 path OADM ch. 1558.98nm	WMM4WF0BRA
15216-AD1-2-57.3=	ITU-200 GHz 1-channel, 2 path OADM ch. 1557.36nm	WMM4WG0BRA
15216-AD1-2-55.7=	ITU-200 GHz 1-channel, 2 path OADM ch. 1555.75nm	WMM4WH0BRA
15216-AD1-2-54.1=	ITU-200 GHz 1-channel, 2 path OADM ch. 1554.13nm	WMM4WJ0BRA
15216-AD1-2-52.5=	ITU-200 GHz 1-channel, 2 path OADM ch. 1552.52nm	WMM4WK0BRA
15216-AD1-2-50.9=	ITU-200 GHz 1-channel, 2 path OADM ch. 1550.92nm	WMM4WL0BRA
15216-AD1-2-49.3=	ITU-200 GHz 1-channel, 2 path OADM ch. 1549.32nm	WMM4WM0BRA
15216-AD1-2-47.7=	ITU-200 GHz 1-channel, 2 path OADM ch. 1547.72nm	WMM4WN0BRA
15216-AD1-2-42.9=	ITU-200 GHz 1-channel, 2 path OADM ch. 1542.94nm	WMM4WP0BRA
15216-AD1-2-41.3=	ITU-200 GHz 1-channel, 2 path OADM ch. 1541.35nm	WMM4WR0BRA
15216-AD1-2-39.7=	ITU-200 GHz 1-channel, 2 path OADM ch. 1539.77nm	WMM4WS0BRA
15216-AD1-2-38.1=	ITU-200 GHz 1-channel, 2 path OADM ch. 1538.19nm	WMM4WT0BRA
15216-AD1-2-36.6=	ITU-200 GHz 1-channel, 2 path OADM ch. 1536.61nm	WMM4WU0BRA
15216-AD1-2-35.0=	ITU-200 GHz 1-channel, 2 path OADM ch. 1535.04nm	WMM4WV0BRA
15216-AD1-2-33.4=	ITU-200 GHz 1-channel, 2 path OADM ch. 1533.47nm	WMM4WW0BRA
15216-AD1-2-31.9=	ITU-200 GHz 1-channel, 2 path OADM ch. 1531.90nm	WMM4WX0BRA
15216-AD1-2-30.3=	ITU-200 GHz 1-channel, 2 path OADM ch. 1530.33nm	WMM4WY0BRA

ONS 15216 2-Channel DWDM Add/Drop Filter

Product Name	Product Description	CLEI Code
15216-AD2-2-58.9=	ITU-200 GHz 2-channel, 2 path OADM ch. 1558.98nm, 1557.36nm	WMM4XZ0BRA
15216-AD2-2-55.7=	ITU-200 GHz 2-channel, 2 path OADM ch. 1555.75nm, 1554.13nm	WMM4X10BRA
15216-AD2-2-52.5=	ITU-200 GHz 2-channel, 2 path OADM ch. 1552.52nm, 1550.92nm	WMM4X20BRA
15216-AD2-2-49.3=	ITU-200 GHz 2-channel, 2 path OADM ch. 1549.32nm, 1547.72nm	WMM4X30BRA
15216-AD2-2-42.9=	ITU-200 GHz 2-channel, 2 path OADM ch. 1542.94nm, 1541.35nm	WMM4X40BRA
15216-AD2-2-39.7=	ITU-200 GHz 2-channel, 2 path OADM ch. 1539.77nm, 1538.19nm	WMM4X50BRA
15216-AD2-2-36.6=	ITU-200 GHz 2-channel, 2 path OADM ch. 1536.61nm, 1535.04nm	WMM4X60BRA
15216-AD2-2-33.4=	ITU-200 GHz 2-channel, 2 path OADM ch. 1533.47nm, 1531.90nm	WMM4X70BRA

More Information

For more information on the Cisco ONS 15216 metro DWDM platform, go to <http://www.cisco.com/en/US/products/hw/optical/ps1996/index.html>



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