



**PRODUCT BULLETIN NO. 2581**

## END-OF-SALE AND END-OF-LIFE ANNOUNCEMENT FOR THE CISCO ONS 15216 EDFA1

Cisco Systems® announces the end-of-sale and end-of-life dates for the Cisco® ONS 15216 Erbium-Doped Fiber Amplifier 1 (EDFA1). The last day to order the Cisco ONS 15216 EDFA1 is March 01, 2005. Customers will continue to receive support from the Cisco Technical Assistance Center (TAC) until March 01, 2010. Table 1 describes the end-of-life milestones, definitions, and dates for the Cisco ONS 15216 EDFA1. Table 2 lists the product numbers affected by this announcement.

Customers are encouraged to migrate to the Cisco ONS 15216 Erbium-Doped Fiber Amplifier 3 (EDFA3), which has better optical performance and superior 10-Gbps and 2.5-Gbps network support. It also has Transaction Language 1 (TL1) and Simple Network Management Protocol (SNMP) management and is supported by Cisco Transport Manager.

Information about the replacement product can be found at: <http://www.cisco.com/en/US/products/hw/optical/ps1996/ps1999/index.html>. Table 3 provides relevant information for migrating from the Cisco ONS 15216 EDFA1 to the Cisco ONS 15216 EDFA3.

**Table 1.** End-of-Life Milestones and Dates for the Cisco ONS 15216 EDFA1

Milestone	Definition	Date
End-of-life announcement date	The date the document that announces the end of sale and end of life of a product is distributed to the general public.	September 01, 2004
End-of-sale date	The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date.	March 01, 2005
Last shipment date	The last-possible ship date that can be requested of Cisco and/or its contract manufacturers. Actual ship date is dependent on lead-time.	June 01, 2005
End of software maintenance releases date	The last date that Cisco Engineering may release any final software maintenance releases or bug fixes. After this date, Cisco Engineering will no longer develop, repair, maintain, or test the product software.	March 01, 2006
End of routine failure analysis date	The last possible date a routine failure analysis may be performed to determine the cause of product failure or defect.	March 01, 2006
End of new service attachment date	For equipment and software that is not covered by a service-and-support contract, this is the last date to order a new service-and-support contract or add the equipment and/or software to an existing service-and-support contract.	March 01, 2006
End of service contract renewal date	The last date to extend or renew a service contract for the product. The extension or renewal period cannot extend beyond the last date of support.	December 01, 2009
Last date of support	The last date to receive service and support for the product. After this date, all support services for the product are unavailable, and the product becomes obsolete.	March 01, 2010

**Table 2.** Product Part Numbers Affected by This Announcement

End-of-Sale Product Part Number	Product Description
15216-EDFA1=	Metro Erbium-Doped Fiber Amplifier 17 dBm

## PRODUCT MIGRATION OPTIONS

The recommended replacement for the Cisco ONS 15216 EDFA1 is the Cisco ONS 15216 EDFA3 (Table 3). The ONS 15216 EDFA3 is a 1-RU rack-mountable EDFA with TL1 and SNMP management and Cisco Transport Manager support. It has mid-amplifier access for placement of a dispersion-compensating module (DCM) for enhanced 10-Gbps and 2.5-Gbps network support. The Cisco ONS 15216 EDFA3 has a low-noise-figure gain block with true variable gain, which gives superior optical performance and allows longer system reach before the requirement for regeneration.

**Table 3.** Product Comparisons

Feature	Cisco End-of-Life Product	Cisco Replacement Product
Feature	Cisco ONS 15216 EDFA1	Cisco ONS 15216 EDFA3
TL1 and SNMP support	No	Yes
Mid-amplifier access for DCM	No	Yes
Noise figure	7 dB	6 dB
True variable gain	No	Yes
Maximum output power	+17 dBm	+17 dBm
AC power block option	No	Yes

Customers can use the Cisco Technology Migration Plan (TMP) to trade-in products and receive credit toward the purchase of new Cisco equipment. For more information about Cisco TMP, go to: <http://www.cisco.com/go/tradein/>. The Cisco TMP application requires all users to have a Cisco.com user ID.

## FOR MORE INFORMATION

For more information about the Cisco ONS 15216 EDFA1, visit <http://www.cisco.com/en/US/products/hw/optical/ps1996/ps1999/index.html> or contact your local account representative.

For more information about the Cisco End-of-Life Policy, go to: [http://www.cisco.com/en/US/products/prod\\_end\\_of\\_life.html](http://www.cisco.com/en/US/products/prod_end_of_life.html)

To subscribe to receive end-of-life/end-of-sale information please go to: <http://www.cisco.com/cgi-bin/Support/FieldNoticeTool/field-notice>

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