

End-of-Sale and End-of-Life Announcement for the Cisco NCS 2000 EDRA-1-26, EDRA-1-35 and 15454 MSTP SMR-1, SMR-2, AMP-C, RAMP-C and RAMP-CE optical modules

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Overview

EOL15457

Cisco announces the end-of-sale and end-of-life dates for the Cisco NCS 2000 EDRA-1-26, EDRA-1-35 and 15454 MSTP SMR-1, SMR-2, AMP-C, RAMP-C and RAMP-CE optical modules. The last day to order the affected product(s) is August 29, 2025. Customers with active service contracts will continue to receive support from the Cisco Technical Assistance Center (TAC) as shown in Table 1 of the EoL bulletin. Table 1 describes the end-of-life milestones, definitions, and dates for the affected product(s). Table 2 lists the product part numbers affected by this announcement. For customers with active and paid service and support contracts, support will be available under the terms and conditions of customers' service contract.

End-of-life milestones

Table 1. End-of-life milestones and dates for the Cisco NCS 2000 EDRA-1-26, EDRA-1-35 and 15454 MSTP SMR-1, SMR-2, AMP-C, RAMP-C and RAMP-CE optical modules

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.	August 29, 2024
End-of-Sale Date: HW	The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date.	August 29, 2025
Last Ship Date: HW	The last-possible ship date that can be requested of Cisco and/or its contract manufacturers. Actual ship date is dependent on lead time.	November 28, 2025
End of Routine Failure Analysis Date: HW	The last-possible date a routine failure analysis may be performed to determine the cause of hardware product failure or defect.	August 29, 2026
End of New Service Attachment Date: HW	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.	August 29, 2026
End of Service Contract Renewal Date: HW	The last date to extend or renew a service contract for the product.	November 27, 2029
Last Date of Support: HW	The last date to receive applicable service and support for the product as entitled by active service contracts or by warranty terms and conditions. After this date, all support services for the product are unavailable, and the product becomes obsolete.	August 31, 2030

HW = Hardware

OS SW = Operating System Software

App. SW = Application Software

Product Part Numbers

Table 2. Product Part Numbers Affected by This Announcement

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
NCS2K-EDRA1-26C=	21dBm Erbium Doped Raman Amplifier 26dB Span - C-Band	See the Product Migration Options section below for detailed information on replacing this product.	-	-
NCS2K-EDRA1-35C=	21dBm Erbium Doped Raman Amplifier 35dB Span - C-Band	See the Product Migration Options section below for detailed information on replacing this product.	-	-
15454-OPT-AMP-C=	ONS 15454 Enhanced Optical Amplifier	See the Product Migration Options section below for detailed information on replacing this product.	-	-
15454-OPT-AMP-C	ONS 15454 Enhanced Optical Amplifier	See the Product Migration Options section below for detailed information on replacing this product.	-	-
15454-OPT-RAMP-C=	ONS 15454 RAMAN AMPLIFIER	See the Product Migration Options section below for detailed information on replacing this product.	-	-
15454-OPT-RAMP-CE=	15454 Extended Performance RAMAN Amplifier	See the Product Migration Options section below for detailed information on replacing this product.	-	-
15454-OPTAMPC-LLP5	BUNDLE 15454 OPT AMP C AND 5YRSNTNBD IF SKU BOUGHT	There is currently no replacement product available for this product.	-	-
15454-OPTAMPC-LLP3	BUNDLE 15454 OPT AMP C AND 3YRSNTNBD IF SKU BOUGHT	There is currently no replacement product available for this product.	-	-
15454-PP-MESH-4=	2RU 4-Degree Mesh Patch Panel	There is currently no replacement product available for this product.	-	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
15454-PP-MESH-8=	2RU 8-Degree Mesh Patch Panel	There is currently no replacement product available for this product.	-	-
15454-PP-4-SMR=	1RU 4-Degree SM ROADM Mesh Patch Panel	There is currently no replacement product available for this product.	-	-
15454-40-SMR1-C=	40Chs Single Module ROADM with integrated Optical PRE Amplif	See the Product Migration Options section below for detailed information on replacing this product.	-	-
15454-40-SMR1-C	40Chs Single Module ROADM with integrated Optical PRE Amplif	See the Product Migration Options section below for detailed information on replacing this product.	-	-
15454-SMR1-LIC=	SM ROADM 1-PRE-AMP 100GHZ-CBAND-10ch License Restricted	See the Product Migration Options section below for detailed information on replacing this product.	-	-
15454-SMR1-LIC	SM ROADM 1-PRE-AMP 100GHZ-CBAND-10ch License Restricted	See the Product Migration Options section below for detailed information on replacing this product.	-	-
15454-40-SMR2-C=	40Chs Single Module ROADM with integrated Optical PRE, Boos	See the Product Migration Options section below for detailed information on replacing this product.	-	-
15454-SMR2-LIC=	SM ROADM 2-PRE-AMP-BST 100GHZ-CBAND-10ch License Restricted	See the Product Migration Options section below for detailed information on replacing this product.	-	-
15454-SMR2-LIC	SM ROADM 2-PRE-AMP-BST 100GHZ-CBAND-10ch License Restricted	See the Product Migration Options section below for detailed information on replacing this product.	-	-
15454-40SMR2-LLP3	BUNDLE 15454 40 SMR2 C AND 3YRSNTNBD IF SKU BOUGHT	There is currently no replacement product available for this product.	-	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
15454-40SMR2-LLP5	BUNDLE 15454 40 SMR2 C AND 5YRSNTNBD IF SKU BOUGHT		There is currently no replacement product available for this product.	-
15454-PP4SMR-LLP3	BUNDLE 15454 PP 4 SMR AND 3YRSNTNBD IF SKU BOUGHT		There is currently no replacement product available for this product.	-
15454-PP4SMR-LLP5	BUNDLE 15454 PP 4 SMR AND 5YRSNTNBD IF SKU BOUGHT		There is currently no replacement product available for this product.	-

Product migration options

The NCS 2000 EDRA-1-26 and EDRA-1-35 provides hybrid EDFA and RAMAN amplification. Networks can also be designed and implemented with EDFA-17/24/35 modules along with RAMAN-CTP to achieve similar solution in the network. The OPT-AMP-C is an 80 channel Amplifier with DCU support. EDFA-24 and EDFA-35 provides similar gain and performance and are also optimized for coherent transmission in the optical networks. The RAMP-C and RAMP-CE are counter propagating amplifiers. RAMAN-CTP can be considered as alternate module for deployment. The 40 Channel Single Module ROADMs SMR-1 and SMR-2 doesn't have any direct replacement or similar optical module to be replaced. However customers have the option to perform a Tech refresh of the network by adopting the Flex Spectrum ROADM line cards that perform better and provide more features, functionalities to future proof the network. The Flex spectrum enabled ROADM line cards support Coherent line interfaces from 100G DWDM to Multi Channel carriers or Super channels of Multi terabits per second. Reach out to Cisco account teams for more details, feasibility analysis of the same.

Customers may be able to use the Cisco Technology Migration Program (TMP) where applicable to trade-in eligible products and receive credit toward the purchase of new Cisco equipment. For more information about Cisco TMP, customers should work with their Cisco Partner or Cisco account team. Cisco Partners can find additional TMP information on Partner Central at:

https://www.cisco.com/web/partners/incentives_and_promotions/tmp.html.

Customers may be able to continue to purchase the Cisco NCS 2000 EDRA-1-26, EDRA-1-35 and 15454 MSTP SMR-1, SMR-2, AMP-C, RAMP-C and RAMP-CE optical modules through the Cisco Certified Refurbished Equipment program. Refurbished units may be available in limited supply for sale in certain countries on a first-come, first-served basis until the Last Date of Support has been reached. For information about the Cisco Certified Refurbished Equipment program, go to: <https://www.cisco.com/go/eos>.

The Cisco Takeback and Recycle program helps businesses properly dispose of surplus products that have reached their end of useful life. The program is open to all business users of Cisco equipment and its associated brands and subsidiaries. For more information, go to:

https://www.cisco.com/web/about/ac227/ac228/ac231/about_cisco_takeback_recycling.html.

For more information

For more information about the Cisco End-of-Life Policy, go to: <https://www.cisco.com/c/en/us/products/eos-eol-policy.html>.

For more information about the Cisco Product Warranties, go to: <https://www.cisco.com/c/en/us/products/warranty-listing.html>.

To subscribe to receive end-of-life/end-of-sale information, go to: <https://cway.cisco.com/mynotifications>.

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