

## End-of-Sale and End-of-Life Announcement for the Cisco ONS 15454 OC-48 ELR Single-Port Card

EOL5539

Cisco® announces the end-of-sale and end-of-life dates for the Cisco ONS 15454 OC-48 ELR single-port card. The last day to order the Cisco ONS 15454 OC-48 ELR single-port card is April 12, 2008. 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 Cisco ONS 15454 OC-48 ELR single-port card. Table 2 lists the product part numbers affected by this announcement.

New cards, such as the 12-port multirate card (MRC-12) and 4-port multirate card (MRC-4), offer much higher value propositions than the outgoing cards. The MRC-12 and MRC-4 accommodate Small Form-Factor Pluggable (SFP) optics, providing higher port density and multirate capability per slot than the OC-48 fixed optics cards they are replacing. Both MRC cards support not just the OC-48 rate, but the OC-3 and OC-12 as well, scalable up to 10 Gbps on the MRC-12 and 2.5 Gbps on the MRC-4, depending on the chassis, slot, and cross-connect combination. The MRC cards also support SFPs of different reaches such as OC-48 SR, IR, LR, and DWDM. Plus, SFPs can be added to the cards as demand increases, and they are per-port provisionable, thereby minimizing the initial costs and simplifying operations. Wavelengths can therefore be added or changed without having to change the card. The MRC cards can be provisioned for operation with SONET protection options such as unidirectional-path switched ring (UPSR), subnetwork connection protection (SNCP), path-protected mesh network (PPMN), two-fiber or four-fiber bidirectional line switched ring or multiplex section-shared protection ring (MS-SPR), 1+1 automatic protection switching (APS) or multiplexed switching protection (MSP), and unprotected.

**Table 1.** End-of-Life Milestones and Dates for the Cisco ONS 15454 OC-48 ELR Single-Port Card

Milestone	Definition	Date
<b>End-of-Life Announcement Date</b>	The date the document that announces the end of sale and end of life of a product is distributed to the general public.	April 13, 2007
<b>End-of-Sale Date</b>	The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date.	April 12, 2008
<b>Last Ship Date: HW</b>	The last-possible ship date that can be requested of Cisco and/or its contract manufacturers. Actual ship date is dependent on lead time.	July 12, 2008
<b>End of Routine Failure Analysis Date: HW</b>	The last-possible date a routine failure analysis may be performed to determine the cause of product failure or defect.	April 12, 2009
<b>End of New Service Attachment Date: HW</b>	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.	April 12, 2009
<b>End of Service Contract Renewal Date: HW</b>	The last date to extend or renew a service contract for the product.	July 11, 2012
<b>Last Date of Support: HW</b>	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.	April 11, 2013

HW = Hardware      OS SW = Operating System Software      App. SW = Application Software

The MRC cards can operate with the XC-VT, XC-10G, XC-VXL, and XC-VXC Cross-Connect Cards. They require the Cisco ONS 15454 Timing, Communications, and Control 2 Card (TCC2) or TCC2-Plus (TCC2P) Card to support the data communications channel (DCC) capacity. MRC-12 requires Cisco ONS 15454 Software Release 6.0 or greater, and the MRC-4 requires Cisco ONS 15454 Software Release 8.0 or greater.

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

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description
15454-O48E-1-28.7	OC48, 1528.7, 100GHz, 1Ckt. (not supported by 15216)	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-28.7	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-28.7=	OC48, 1528.7, 100GHz, 1Ckt. (not supported by 15216)	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-28.7=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-30.3	OC48, 1530.33, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-30.3	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-30.3=	OC48, 1530.33, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-30.3=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-31.1	OC48, 1531.12, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-31.1	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-31.1=	OC48, 1531.12, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-31.1=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-31.9	OC48, 1531.90, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-31.9	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-31.9=	OC48, 1531.90, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-31.9=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-32.6	OC48, 1532.68, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-32.6	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-32.6=	OC48, 1532.68, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-32.6=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-33.4	OC48, 1533.47, 100 GHz, 1Ckt. (200 GHz 15216 only)	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-33.4	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-33.4=	OC48, 1533.47, 100 GHz, 1Ckt. (200 GHz 15216 only)	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-33.4=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-34.2	OC48, 1534.25, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-34.2	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-34.2=	OC48, 1534.25, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-34.2=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-35.0	OC48, 1535.04, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-35.0	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-35.0=	OC48, 1535.04, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-35.0=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-35.8	OC48, 1535.82, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-35.8	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description
15454-O48E-1-35.8=	OC48, 1535.82, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-35.8=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-36.6	OC48, 1536.61, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-36.6	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-36.6=	OC48, 1536.61, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-36.6=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-38.1	OC48, 1538.19, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-38.1	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-38.1=	OC48, 1538.19, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-38.1=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-38.9	OC48, 1538.98, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-38.9	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-38.9=	OC48, 1538.98, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-38.9=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-39.7	OC48, 1539.77, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-39.7	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-39.7=	OC48, 1539.77, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-39.7=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-40.5	OC48, 1540.56, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-40.5	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-40.5=	OC48, 1540.56, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-40.5=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-41.3	OC48, 1541.35, 100 GHz, 1Ckt. (200 GHz 15216 only)	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-41.3	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-41.3=	OC48, 1541.35, 100 GHz, 1Ckt. (200 GHz 15216 only)	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-41.3=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-42.1	OC48, 1542.14, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-42.1	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-42.1=	OC48, 1542.14, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-42.1=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-42.9	OC48, 1542.94, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-42.9	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-42.9=	OC48, 1542.94, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-42.9=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-43.7	OC48, 1543.73, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-43.7	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-43.7=	OC48, 1543.73, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-43.7=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-44.5	OC48, 1544.53, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-44.5	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-44.5=	OC48, 1544.53, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-44.5=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description
15454-O48E-1-46.1	OC48, 1546.12, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-46.1	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-46.1=	OC48, 1546.12, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-46.1=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-46.9	OC48, 1546.92, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-46.9	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-46.9=	OC48, 1546.92, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-46.9=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-47.7	OC48, 1547.72, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-47.7	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-47.7=	OC48, 1547.72, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-47.7=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-48.5	OC48, 1548.51, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-48.5	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-48.5=	OC48, 1548.51, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-48.5=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-49.3	OC48, 1549.32, 100 GHz, 1Ckt. (200 GHz 15216 only)	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-49.3	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-49.3=	OC48, 1549.32, 100 GHz, 1Ckt. (200 GHz 15216 only)	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-49.3=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-50.1	OC48, 1550.12, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-50.1	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-50.1=	OC48, 1550.12, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-50.1=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-50.9	OC48, 1550.92, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-50.9	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-50.9=	OC48, 1550.92, 100 GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-50.9=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-51.7	OC48, 1551.72, 100GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-51.7	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-51.7=	OC48, 1551.72, 100GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-51.7=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-52.5	OC48, 1552.52, 100GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-52.5	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-52.5=	OC48, 1552.52, 100GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-52.5=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-54.1	OC48, 1554.13, 100GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-54.1	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-54.1=	OC48, 1554.13, 100GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-54.1=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-54.9	OC48, 1554.94, 100GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-54.9	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description
15454-O48E-1-54.9=	OC48, 1554.94, 100GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-54.9=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-55.7	OC48, 1555.75, 100GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-55.7	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-55.7=	OC48, 1555.75, 100GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-55.7=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-56.5	OC48, 1556.55, 100GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-56.5	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-56.5=	OC48, 1556.55, 100GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-56.5=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-57.3	OC48, 1557.36, 100GHz, 1Ckt. (200 GHz 15216 only)	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-57.3	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-57.3=	OC48, 1557.36, 100GHz, 1Ckt. (200 GHz 15216 only)	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-57.3=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-58.1	OC48, 1558.17, 100GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-58.1	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-58.1=	OC48, 1558.17, 100GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-58.1=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-58.9	OC48, 1558.98, 100GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-58.9	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-58.9=	OC48, 1558.98, 100GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-58.9=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-59.7	OC48, 1559.79, 100GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-59.7	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-59.7=	OC48, 1559.79, 100GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-59.7=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-60.6	OC48, 1560.61, 100GHz, 1Ckt., SC	15454-MRC-2.5G4 or 15454-MRC-I-12 with ONS-SC-2G-60.6	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP
15454-O48E-1-60.6=	OC48, 1560.61, 100GHz, 1Ckt., SC	15454-MRC-2.5G4= or 15454-MRC-I-12= with ONS-SC-2G-60.6=	OC3/12/48, 2.5G Max, 4 ports, IOF or OC3/12/48, 10G Max, 12 ports, IOF with SFP

## Product Migration Options

Customers are encouraged to migrate to the Cisco ONS 15454 Multirate Card, 12-port or 4-port with OC-48 DWDM SFP. Information about this product can be found at:

<http://www.cisco.com/en/US/products/hw/optical/ps2006/ps2010/index.html>.

**Table 3.** Product Comparisons

Feature	Cisco ONS 15454 OC-48 ELR Single-Port Card	Cisco ONS15454 Multirate Card, 12-Port or 4-Port with OC-48 DWDM SFP
Ports of OC48	1	1 on MRC4 and up to 4 on MRC12
Number of wavelengths	37	37

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.

Customers may be able to continue to purchase the end-of-sale product through the Cisco Authorized Refurbished Equipment program. Refurbished units of the end-of-sale product are available in limited supply for sale in certain countries on a first-come, first-served basis. For information about the refurbished equipment program, go to:

<http://www.cisco.com/web/ordering/ciscocapital/refurbished/index.html>.

## For More Information

For more information about the Cisco ONS15454 Multirate Card, 12-port or 4-port with OC-48 DWDM SFP, visit <http://www.cisco.com/en/US/products/hw/optical/ps2006/ps2010/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, go to:

<http://www.cisco.com/cgi-bin/Support/FieldNoticeTool/field-notice>.



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