



Ordering

This appendix contains information on ordering ONS 15454 equipment and software. The information in this appendix shows you what is available for the ONS 15454 and serves as a guideline when ordering.

The following topics are covered in this chapter:

- [How to Order, page D-1](#)
- [List of Parts, page D-2](#)

How to Order

Cisco Systems offers multiple ways to order products and services. You can order direct from Cisco, order through a Cisco partner, or order from an online retailer. Select the best ordering method for your business needs. For more information, contact your account manager.

Registered Cisco Direct Customers

Please login into Cisco Connection Online (CCO) using the login link www.cisco.com and navigate to the Ordering home page to use Cisco Internet commerce tools. Complete these easy steps to order online using the Internet Commerce tools:

1. Complete the online registration form to become a Cisco.com registered user.
2. Complete an Internet Commerce Agreement (ICA) if you want to submit orders online.
3. Ordering online requires a valid Cisco purchase order or sales order number for your company and your company billing information.

If you do not have a purchase order or sales order number available or would like to be added to your company's existing Internet Commerce Agreement, please contact Cisco customer service.

Order Direct From Cisco

For customers with an existing Cisco Direct Purchasing Agreement who order using Cisco's Internet commerce tools, order direct from Cisco. Follow the steps above to order direct from Cisco using CCO.

Order Through a Cisco Partner

For customers looking for a Cisco Partner who will aid in expert and specialized network design, consultation, installation and support services, order through a Cisco Partner. Search the Cisco global database at www.cisco.com to find a local Cisco partner that can provide expert or specialized network design, consultation, installation, and support services.

Order Through an Online Retailer

For customers at small and medium sized business who want to order online from one of Cisco's authorized Online Retailer stores, order through an Online Retailer. Search the Cisco Online Retailers database at www.cisco.com to find a retailer that can provide the products and services you need.

List of Parts

Table D-1 list the parts maintained by Cisco. See http://cisco.com/en/US/products/hw/optical/ps2006/prod_eol_notices_list.html for the latest list of End-Of-Life and End-Of-Sale notices.

Table D-1 List of Parts

Cisco 15454 Part Number	Part Description
Items Requiring Software Release 5.0 or Greater	
15454-DS3EC1-48=	DS3, 48 Ckt, I-Temp, reqs SA-HD shelf assembly
15454-DS3XM-12=	DS3, Transmux, 12 Ckt, I-Temp
Items Requiring Software Release 4.6 or Greater & all MSTP Product	
15454-FC-MR-4=	Fibre Channel/FICON, 1-/2-Gbps, 4-Ckt, SL-Series
Items Requiring Software Release 4.0 or Greater	
15454-TCC2=	Timing Communications Control Two, I-Temp
15454-OC3I8-1310=	OC3/STM1, IR, 1310, 8 Ckt., LC
15454-ML100T-12=	10/100Mbps Ethernet, 12 Ckt, L2/L3
15454-ML1000-2=	Gigabit Ethernet, 2 Ckt, L2/L3, SFP
Cisco 15454 Shelf Assembly and Configurator (ATO)	
CISCO15454	15454 ATO (Assemble to Order)
15454-SA-HD	15454 SA HD NEBS3 ANSI w/ RCA and Ship Kit
15454-SA-HD=	15454 SA HD NEBS3 ANSI w/ RCA and Ship Kit
15454-FTF2	Shelf Fan Tray Filter, 15454, NEBS-NEBS3-NEBS3E-ANSI shelves
15454-FTF2=	Shelf Fan Tray Filter, 15454, NEBS-NEBS3-NEBS3E-ANSI shelves
15454-FTA3-T	Shelf Fan Tray Assembly,ANSI,15454, HPCFM, I-Temp
15454-FTA3-T=	Shelf Fan Tray Assembly,ANSI,15454, HPCFM, I-Temp
Cisco 15454 Bundles and Kits	

Table D-1 List of Parts (continued)

Cisco 15454 Part Number	Part Description
15454-2.5G-TC2SK	Triple Play Bundle -Contains 2ea XC-VT and TCC2
15454-10G-TC-SK	Triple Play Bundle -Contains 2ea XC-10G and TCC2
15454-DS1-14-SK	Triple Play Bundle -Contains 2ea DS1-14
15454-G1K-SK	Triple Play Bundle -Contains 2ea G1K-4
15454-2GCOM1-KIT	Includes 2ea TCC2 and XC-VT
15454-10GCOM-KIT	Includes 2ea TCC2 and XC-10G, 1ea FTA3-T
15454-2GCOM2-KIT	Includes 2ea XC-VT and TCC2, 1ea FTA3-T
15454-SPARE2-KIT	Includes 1ea R4.1.3 SWCD, DOC, XC-VT, TCC2 and XC-10G
15454-LS-SPARE-KIT	Includes 1ea DS3-12E, DS3N-12E, OC34IR1310, and OC121IR1310
15454-HD-SPARE-KIT	Inclues 1ea OC3I8-1310 and Oc12I4-1310
15454-SHELF-KIT	Includes 1ea SA-ANSI, FTA3-T, and EIA-BNC-A48
15454-SA-HDAHDB2=	15454-ANSI Shelf Assembly, mounted with BNC-A48 and BNC-B48
15454-4SA-1BNC1=	15454 4-shelf bay assy, SA ANSI, 1 BNCA48, 0 Fan Trays
15454-0SA-FL	15454 0-shelf bay assy W/FAP-LVD
Cisco 15454 Common Control Equipment	
15454-XC-10G	Xconn, 1152 STS, 672 VT
15454-XC-10G=	Xconn, 1152 STS, 672 VT
15454-AIC-I	Alarm Interface Card Enh Intl, I-Temp
15454-AIC-I=	Alarm Interface Card Enh Intl, I-Temp
15454-TCC2	Timing Communications Control Two, I-Temp
15454-TCC2P-K9=	Timing Communications Control Two Plus, I-Temp
15454-TCC2=	Timing Communications Control Two, I-Temp
15454-XC-VT	Xconn, 576 STS, 672 VT. I-Temp
15454-XC-VT=	Xconn, 576 STS, 672 VT, I-Temp
Cisco 15454 Electrical Interface Assemblies (EIAs)	
15454-EIA-UBICV-A	Universal BackPlane Interface w/ Vertical Connector - A side
15454-EIA-UBICV-A=	Universal BackPlane Interface w/ Vertical Connector - A side
15454-EIA-UBICV-B	Universal BackPlane Interface w/ Vertical Connector - B side
15454-EIA-UBICV-B=	Universal BackPlane Interface w/ Vertical Connector - B side
15454-EIA-UBICH-A	Universal Backplane Interface w/ Horizontal Connector - A Side
15454-EIA-UBICH-A=	Universal Backplane Interface w/ Horizontal Connector - A Side
15454-EIA-UBICH-B	Universal Backplane Interface w/ Horizontal Connector - B Side
15454-EIA-UBICH-B=	Universal Backplane Interface w/ Horizontal Connector - Side
15454-EIA-1AMPA84	HD Elect I/F, 84 AMP, A Side
15454-EIA-1AMPA84=	HD Elect I/F, 84 AMP, A Side

Table D-1 List of Parts (continued)

Cisco 15454 Part Number	Part Description
15454-EIA-1AMPB84	HD Elect I/F, 84 AMP, B Side
15454-EIA-1AMPB84=	HD Elect I/F, 84 AMP, B Side
15454-EIA-1BNCA24	HD Elect I/F, 24 BNC, A Side
15454-EIA-1BNCA24=	HD Elect I/F, 24 BNC, A Side
15454-EIA-1BNCA48	HD Elect I/F, 48 BNC, A Side
15454-EIA-1BNCA48=	HD Elect I/F, 48 BNC, A Side
15454-EIA-1BNCB24	HD Elect I/F, 24 BNC, B Side
15454-EIA-1BNCB24=	HD Elect I/F, 24 BNC, B Side
15454-EIA-1BNCB48	HD Elect I/F, 48 BNC, B Side
15454-EIA-1BNCB48=	HD Elect I/F, 48 BNC, B Side
15454-EIA-1SMBA84	HD Elect I/F, 84 SMB, A Side
15454-EIA-1SMBA84=	HD Elect I/F, 84 SMB, A Side
15454-EIA-1SMBB84	HD Elect I/F, 84 SMB, B Side
15454-EIA-1SMBB84=	HD Elect I/F, 84 SMB, B Side
15454-EIA-AMP-A84	Elect I/F, 84 AMP, A Side, I-Temp
15454-EIA-AMP-A84=	Elect I/F, 84 AMP, A Side, I-Temp -Not Compatible with SA-HD
15454-EIA-AMP-B84	Elect I/F, 84 AMP, B Side, I-Temp
15454-EIA-AMP-B84=	Elect I/F,84 AMP, B Side, I-Temp -Not Compatible with SA-HD
15454-EIA-BNC-A24	Elect I/F, 24 BNC, A Side, I-Temp
15454-EIA-BNC-A24=	Elect I/F, 24 BNC, A Side, I-Temp -Not Compatible with SA-HD
15454-EIA-BNC-A48	Elect I/F, 48 BNC, A Side, I-Temp
15454-EIA-BNC-A48=	Elect I/F, 48 BNC, A Side, I-Temp-Not Compatible with SA-HD
15454-EIA-BNC-B24	Elect I/F, 24 BNC, B Side, I-Temp
15454-EIA-BNC-B24=	Elect I/F, 24 BNC, B Side, I-Temp-Not Compatible with SA-HD
15454-EIA-BNC-B48	Elect I/F, 48 BNC, B Side, I-Temp
15454-EIA-BNC-B48=	Elect I/F, 48 BNC, B Side, I-Temp -Not Compatible with SA-HD
15454-EIA-SMB-A84	Elect I/F, 84 SMB, A Side, I-Temp
15454-EIA-SMB-A84=	Elect I/F, 84 SMB, A Side, I-Temp -Not Compatible with SA-HD
15454-EIA-SMB-B84	Elect I/F, 84 SMB, B Side, I-Temp
15454-EIA-SMB-B84=	Elect I/F, 84 SMB, B Side, I-Temp -Not Compatible with SA-HD
15454-WW-14	DS1 Elect I/F, 28 SMB-WW Baluns, 14 Ckt.
15454-WW-14=	DS1 Elect I/F, 28 SMB-WW Baluns, 14 Ckt.
Cisco 15454 Electrical Interface Modules	
15454-DS1-14	DS1, DSX, 14 Ckt., I-Temp
15454-DS1-14=	DS1, DSX, 14 Ckt., I-Temp
15454-DS1N-14	DS1, 1:N, DSX, 14 Ckt, I-Temp

Table D-1 List of Parts (continued)

Cisco 15454 Part Number	Part Description
15454-DS1N-14=	DS1, 1:N, DSX, 14 Ckt, I-Temp
15454-DS3EC1-48	DS3, 48 Ckt, I-Temp, reqs SA-HD shelf assembly
15454-DS3EC1-48=	DS3, 48 Ckt, I-Temp, reqs SA-HD shelf assembly
15454-DS3-12E	DS3, DSX, Enhanced PM, 12 Ckt, I-Temp
15454-DS3-12E=	DS3, DSX, Enhanced PM, 12 Ckt, I-Temp
15454-DS3N-12E	DS3, 1:N, DSX, Enhanced PM, 12 Ckt, I-Temp
15454-DS3N-12E=	DS3, 1:N, DSX, Enhanced PM, 12 Ckt, I-Temp
15454-DS3N-12	DS3, 1:N, DSX, 12 Ckt, I-Temp
15454-DS3N-12=	DS3, 1:N, DSX, 12 Ckt, I-Temp
15454-DS3-12	DS3, DSX, 12 Ckt, Enh Test, I-Temp
15454-DS3-12=	DS3, DSX, 12 Ckt, Enh Test, I-Temp
15454-DS3XM-12	DS3, DSX Transmux, 12 Ckt, I-Temp
15454-DS3XM-12=	DS3, DSX Transmux, 12 Ckt, I-Temp
15454-DS3XM-6	DS3, DSX Transmux, 6 Ckt, I-Temp
15454-DS3XM-6=	DS3, DSX Transmux, 6 Ckt, I-Temp
15454-EC1-12	EC1, 12 Ckt, I-Temp
15454-EC1-12=	EC1, 12 Ckt, I-Temp
Cisco 15454 SONET Interface Modules	
15454-OC34IR1310	OC3, IR, 1310, 4 Ckt, SC, I-Temp
15454-OC34IR1310=	OC3, IR, 1310, 4 Ckt, SC, I-Temp
15454-OC3I8-1310	OC3/STM1, IR, 1310, 8 Ckt, LC
15454-OC3I8-1310=	OC3/STM1, IR, 1310, 8 Ckt., LC
15454-OC12IIR1310	OC12, IR, 1310, 1 Ckt, SC, I-Temp
15454-OC12IIR1310=	OC12, IR, 1310, 1 Ckt, SC, I-Temp
15454-OC12I4-1310	OC12/STM4, IR, 1310, 4 Ckt., SC
15454-OC12I4-1310=	OC12/STM4, IR, 1310, 4 Ckt., SC
15454-OC12ILR1310	OC12, LR, 1310, 1 Ckt, SC, I-Temp
15454-OC12ILR1310=	OC12, LR, 1310, 1 Ckt, SC, I-Temp
15454-OC12ILR1550	OC12, LR, 1550, 1 Ckt, SC, I-Temp
15454-OC12ILR1550=	OC12, LR, 1550, 1 Ckt, SC, I-Temp
15454-OC48IR1310A	OC48, IR, 1310, 1 Ckt, Any Slot, SC
15454-OC48IR1310A=	OC48, IR, 1310, 1 Ckt, Any Slot, SC
15454-OC48IIR1310	OC48, IR, 1310, 1 Ckt, SC
15454-OC48IIR1310=	OC48, IR, 1310, 1 Ckt, SC
15454-OC48LR1550A	OC48, LR, 1550, 1 Ckt., Any Slot, SC
15454-OC48LR1550A=	OC48, LR, 1550, 1 Ckt., Any Slot, SC

Table D-1 List of Parts (continued)

Cisco 15454 Part Number	Part Description
15454-OC481LR1550	OC48, LR, 1550, 1 Ckt, SC
15454-OC481LR1550=	OC48, LR, 1550, 1 Ckt, SC
15454-OC192SR1310	OC192 SR/STM64 IO, 1310, 1 Ckt., SC
15454-OC192SR1310=	OC192 SR/STM64 IO, 1310, 1 Ckt., SC
15454-OC192IR1550	OC192 IR/STM64 SH, 1550, 1 Ckt., SC
15454-OC192IR1550=	OC192 IR/STM64 SH, 1550, 1 Ckt., SC
15454-OC192LR1550	OC192, LR, 1550, 1 Ckt, SC
Cisco 15454 SONET Interface Modules	
15454-OC192LR1550=	OC192, LR, 1550, 1 Ckt, SC
15454-OC192LR2	OC192, LR, 1550, 1 Ckt, SC
15454-OC192LR2=	OC192, LR, 1550, 1 Ckt, SC
Integrated DWDM - 100GHz- (Shorter Lead Time)	
15454-O48E-1-47.7	OC48/STM16, ELR, 1547.72, 100 GHz, 1Ckt., SC
15454-O48E-1-47.7=	OC48/STM16, ELR, 1547.72, 100 GHz, 1Ckt., SC
15454-O48E-1-49.3	OC48/STM16, ELR, 1549.32, 100 GHz, 1Ckt, (200 GHz 15216 only)
15454-O48E-1-49.3=	OC48/STM16, ELR, 1549.32, 100 GHz, 1Ckt, (200 GHz 15216 Only)
15454-O48E-1-50.9	OC48/STM16, ELR, 1550.92, 100 GHz, 1Ckt., SC
15454-O48E-1-50.9=	OC48/STM16, ELR, 1550.92, 100 GHz, 1Ckt., SC
15454-O48E-1-60.6	OC48/STM16, ELR, 1560.61, 100GHz, 1Ckt., SC
15454-O48E-1-60.6=	OC48/STM16, ELR, 1560.61, 100GHz, 1Ckt., SC
15454-O48E-1-58.9	OC48/STM16, ELR, 1558.98, 100GHz, 1Ckt., SC
15454-O48E-1-58.9=	OC48/STM16, ELR, 1558.98, 100GHz, 1Ckt., SC
15454-O48E-1-57.3	OC48/STM16, ELR, 1557.36, 100GHz, 1Ckt, (200 GHz 15216 only)
15454-O48E-1-57.3=	OC48/STM16, ELR, 1557.36, 100GHz, 1Ckt, (200 GHz 15216 only)
15454-192L-1-50.1	OC192 LR/STM64 LH, 1550.12, 100GHz, 1 Ckt., SC
15454-192L-1-50.1=	OC192 LR/STM64 LH, 1550.12, 100GHz, 1 Ckt., SC
15454-192L-1-50.9	OC192 LR/STM64 LH, 1550.92, 100GHz, 1 Ckt., SC
15454-192L-1-50.9=	OC192 LR/STM64 LH, 1550.92, 100GHz, 1 Ckt., SC
15454-192L-1-51.7	OC192 LR/STM64 LH, 1551.72, 100GHz, 1 Ckt., SC
15454-192L-1-51.7=	OC192 LR/STM64 LH, 1551.72, 100GHz, 1 Ckt., SC
15454-192L-1-52.5	OC192 LR/STM64 LH, 1552.52, 100GHz, 1 Ckt., SC
15454-192L-1-52.5=	OC192 LR/STM64 LH, 1552.52, 100GHz, 1 Ckt., SC
15454-192L-1-54.1	OC192 LR/STM64 LH, 1554.13, 100GHz, 1 Ckt., SC

Table D-1 List of Parts (continued)

Cisco 15454 Part Number	Part Description
15454-192L-1-54.1=	OC192 LR/STM64 LH, 1554.13, 100GHz, 1 Ckt., SC
15454-192L-1-54.9	OC192 LR/STM64 LH, 1554.94, 100GHz, 1 Ckt., SC
15454-192L-1-54.9=	OC192 LR/STM64 LH, 1554.94, 100GHz, 1 Ckt., SC
15454-192L-1-55.7	OC192 LR/STM64 LH, 1555.75, 100GHz, 1 Ckt., SC
15454-192L-1-55.7=	OC192 LR/STM64 LH, 1555.75, 100GHz, 1 Ckt., SC
15454-192L-1-56.5	OC192 LR/STM64 LH, 1556.55, 100GHz, 1 Ckt., SC
15454-192L-1-56.5=	OC192 LR/STM64 LH, 1556.55, 100GHz, 1 Ckt., SC
15454-192L-1-58.1	OC192 LR, 1558.17, 100GHz, 1 Ckt., SC
15454-192L-1-58.1=	OC192 LR, 1558.17, 100GHz, 1 Ckt., SC
15454-192L-1-58.9	OC192 LR, 1558.98, 100GHz, 1 Ckt., SC
15454-192L-1-58.9=	OC192 LR, 1558.98, 100GHz, 1 Ckt., SC
15454-192L-1-59.7	OC192 LR, 1559.79, 100GHz, 1 Ckt., SC
15454-192L-1-59.7=	OC192 LR, 1559.79, 100GHz, 1 Ckt., SC
15454-192L-1-60.6	OC192 LR, 1560.61, 100GHz, 1 Ckt., SC
15454-192L-1-60.6=	OC192 LR, 1560.61, 100GHz, 1 Ckt., SC
Integrated DWDM - 100GHz- (Longer Lead Time)	
15454-O48E-1-28.7	OC48/STM16, ELR, 1528.7,100GHz,1Ckt,(not supported by 15216)
15454-O48E-1-28.7=	OC48/STM16, ELR, 1528.7,100GHz,1Ckt,(not supported by 15216)
15454-O48E-1-30.3	OC48/STM16, ELR, 1530.33, 100 GHz, 1Ckt., SC
15454-O48E-1-30.3=	OC48/STM16, ELR, 1530.33, 100 GHz, 1Ckt., SC
15454-O48E-1-31.1	OC48/STM16, ELR, 1531.12, 100 GHz, 1Ckt., SC
15454-O48E-1-31.1=	OC48/STM16, ELR, 1531.12, 100 GHz, 1Ckt., SC
15454-O48E-1-31.9	OC48/STM16, ELR, 1531.90, 100 GHz, 1Ckt., SC
15454-O48E-1-31.9=	OC48/STM16, ELR, 1531.90, 100 GHz, 1Ckt., SC
15454-O48E-1-32.6	OC48/STM16, ELR, 1532.68, 100 GHz, 1Ckt., SC
15454-O48E-1-32.6=	OC48/STM16, ELR, 1532.68, 100 GHz, 1Ckt., SC
15454-O48E-1-33.4	OC48/STM16, ELR,1533.47,100 GHz,1Ckt,(200 GHz 15216 only)
15454-O48E-1-33.4=	OC48/STM16, ELR,1533.47,100 GHz,1Ckt,(200 GHz 15216 only)
15454-O48E-1-34.2	OC48/STM16, ELR, 1534.25, 100 GHz, 1Ckt., SC
15454-O48E-1-34.2=	OC48/STM16, ELR, 1534.25, 100 GHz, 1Ckt., SC
15454-O48E-1-35.0	OC48/STM16, ELR, 1535.04, 100 GHz, 1Ckt., SC
15454-O48E-1-35.0=	OC48/STM16, ELR, 1535.04, 100 GHz, 1Ckt., SC
15454-O48E-1-35.8	OC48/STM16, ELR, 1535.82, 100 GHz, 1Ckt., SC

Table D-1 List of Parts (continued)

Cisco 15454 Part Number	Part Description
15454-O48E-1-35.8=	OC48/STM16, ELR, 1535.82, 100 GHz, 1Ckt., SC
15454-O48E-1-36.6	OC48/STM16, ELR, 1536.61, 100 GHz, 1Ckt., SC
15454-O48E-1-36.6=	OC48/STM16, ELR, 1536.61, 100 GHz, 1Ckt., SC
15454-O48E-1-38.1	OC48/STM16, ELR, 1538.19, 100 GHz, 1Ckt., SC
15454-O48E-1-38.1=	OC48/STM16, ELR, 1538.19, 100 GHz, 1Ckt., SC
15454-O48E-1-38.9	OC48/STM16, ELR, 1538.98, 100 GHz, 1Ckt., SC
15454-O48E-1-38.9=	OC48/STM16, ELR, 1538.98, 100 GHz, 1Ckt., SC
15454-O48E-1-39.7	OC48/STM16, ELR, 1539.77, 100 GHz, 1Ckt., SC
15454-O48E-1-39.7=	OC48/STM16, ELR, 1539.77, 100 GHz, 1Ckt., SC
15454-O48E-1-40.5	OC48/STM16, ELR, 1540.56, 100 GHz, 1Ckt., SC
15454-O48E-1-40.5=	OC48/STM16, ELR, 1540.56, 100 GHz, 1Ckt., SC
15454-O48E-1-42.1	OC48/STM16, ELR, 1542.14, 100 GHz, 1Ckt., SC
15454-O48E-1-42.1=	OC48/STM16, ELR, 1542.14, 100 GHz, 1Ckt., SC
15454-O48E-1-41.3	OC48/STM16, ELR, 1541.35, 100 GHz, 1Ckt., (200 GHz 15216 only)
15454-O48E-1-41.3=	OC48/STM16, ELR, 1541.35, 100 GHz, 1Ckt., (200 GHz 15216 only)
15454-O48E-1-42.9	OC48/STM16, ELR, 1542.94, 100 GHz, 1Ckt., SC
15454-O48E-1-42.9=	OC48/STM16, ELR, 1542.94, 100 GHz, 1Ckt., SC
15454-O48E-1-43.7	OC48/STM16, ELR, 1543.73, 100 GHz, 1Ckt., SC
15454-O48E-1-43.7=	OC48/STM16, ELR, 1543.73, 100 GHz, 1Ckt., SC
15454-O48E-1-44.5	OC48/STM16, ELR, 1544.53, 100 GHz, 1Ckt., SC
15454-O48E-1-44.5=	OC48/STM16, ELR, 1544.53, 100 GHz, 1Ckt., SC
15454-O48E-1-46.9	OC48/STM16, ELR, 1546.92, 100 GHz, 1Ckt., SC
15454-O48E-1-46.9=	OC48/STM16, ELR, 1546.92, 100 GHz, 1Ckt., SC
15454-O48E-1-46.1	OC48/STM16, ELR, 1546.12, 100 GHz, 1Ckt., SC
15454-O48E-1-46.1=	OC48/STM16, ELR, 1546.12, 100 GHz, 1Ckt., SC
15454-O48E-1-48.5	OC48/STM16, ELR, 1548.51, 100 GHz, 1Ckt., SC
15454-O48E-1-48.5=	OC48/STM16, ELR, 1548.51, 100 GHz, 1Ckt., SC
15454-O48E-1-50.1	OC48/STM16, ELR, 1550.12, 100 GHz, 1Ckt., SC
15454-O48E-1-50.1=	OC48/STM16, ELR, 1550.12, 100 GHz, 1Ckt., SC
Integrated DWDM - 100GHz- (Longer Lead Time)	
15454-O48E-1-51.7	OC48/STM16, ELR, 1551.72, 100GHz, 1Ckt., SC
15454-O48E-1-51.7=	OC48/STM16, ELR, 1551.72, 100GHz, 1Ckt., SC
15454-O48E-1-52.5	OC48/STM16, ELR, 1552.52, 100GHz, 1Ckt., SC
15454-O48E-1-52.5=	OC48/STM16, ELR, 1552.52, 100GHz, 1Ckt., SC
15454-O48E-1-54.1	OC48/STM16, ELR, 1554.13, 100GHz, 1Ckt., SC

Table D-1 *List of Parts (continued)*

Cisco 15454 Part Number	Part Description
15454-O48E-1-54.1=	OC48/STM16, ELR, 1554.13, 100GHz, 1Ckt., SC
15454-O48E-1-54.9	OC48/STM16, ELR, 1554.94, 100GHz, 1Ckt., SC
15454-O48E-1-54.9=	OC48/STM16, ELR, 1554.94, 100GHz, 1Ckt., SC
15454-O48E-1-55.7	OC48/STM16, ELR, 1555.75, 100GHz, 1Ckt., SC
15454-O48E-1-55.7=	OC48/STM16, ELR, 1555.75, 100GHz, 1Ckt., SC
15454-O48E-1-56.5	OC48/STM16, ELR, 1556.55, 100GHz, 1Ckt., SC
15454-O48E-1-56.5=	OC48/STM16, ELR, 1556.55, 100GHz, 1Ckt., SC
15454-O48E-1-58.1	OC48/STM16, ELR, 1558.17, 100GHz, 1Ckt., SC
15454-O48E-1-58.1=	OC48/STM16, ELR, 1558.17, 100GHz, 1Ckt., SC
15454-O48E-1-59.7	OC48/STM16, ELR, 1559.79, 100GHz, 1Ckt., SC
15454-O48E-1-59.7=	OC48/STM16, ELR, 1559.79, 100GHz, 1Ckt., SC
15454-192L-1-30.3	OC192 LR/STM64 LH, 1531.12, 100GHz, 1 Ckt., SC
15454-192L-1-30.3=	OC192 LR/STM64 LH, 1531.12, 100GHz, 1 Ckt., SC
15454-192L-1-31.1	OC192 LR/STM64 LH, 1531.12, 100GHz, 1 Ckt., SC
15454-192L-1-31.1=	OC192 LR/STM64 LH, 1531.12, 100GHz, 1 Ckt., SC
15454-192L-1-31.9	OC192 LR/STM64 LH, 1531.90, 100GHz, 1 Ckt., SC
15454-192L-1-31.9=	OC192 LR/STM64 LH, 1531.90, 100GHz, 1 Ckt., SC
15454-192L-1-32.6	OC192 LR/STM64 LH, 1532.68, 100GHz, 1 Ckt., SC
15454-192L-1-32.6=	OC192 LR/STM64 LH, 1532.68, 100GHz, 1 Ckt., SC
15454-192L-1-34.2	OC192 LR/STM64 LH, 1534.25, 100GHz, 1 Ckt., SC
15454-192L-1-34.2=	OC192 LR/STM64 LH, 1534.25, 100GHz, 1 Ckt., SC
15454-192L-1-35.0	OC192 LR/STM64 LH, 1535.04, 100GHz, 1 Ckt., SC
15454-192L-1-35.0=	OC192 LR/STM64 LH, 1535.04, 100GHz, 1 Ckt., SC
15454-192L-1-35.8	OC192 LR/STM64 LH, 1535.82, 100GHz, 1 Ckt., SC
15454-192L-1-35.8=	OC192 LR/STM64 LH, 1535.82, 100GHz, 1 Ckt., SC
15454-192L-1-36.6	OC192 LR/STM64 LH, 1536.61, 100GHz, 1 Ckt., SC
15454-192L-1-36.6=	OC192 LR/STM64 LH, 1536.61, 100GHz, 1 Ckt., SC
15454-192L-1-38.1	OC192 LR/STM64 LH, 1538.19, 100GHz, 1 Ckt., SC
15454-192L-1-38.1=	OC192 LR/STM64 LH, 1538.19, 100GHz, 1 Ckt., SC
15454-192L-1-38.9	OC192 LR/STM64 LH, 1538.98, 100GHz, 1 Ckt., SC
15454-192L-1-38.9=	OC192 LR/STM64 LH, 1538.98, 100GHz, 1 Ckt., SC
15454-192L-1-39.7	OC192 LR/STM64 LH, 1539.77, 100GHz, 1 Ckt., SC
15454-192L-1-39.7=	OC192 LR/STM64 LH, 1539.77, 100GHz, 1 Ckt., SC
15454-192L-1-40.5	OC192 LR/STM64 LH, 1540.56, 100GHz, 1 Ckt., SC
15454-192L-1-40.5=	OC192 LR/STM64 LH, 1540.56, 100GHz, 1 Ckt., SC
15454-192L-1-42.1	OC192 LR/STM64 LH, 1542.14, 100GHz, 1 Ckt., SC

Table D-1 List of Parts (continued)

Cisco 15454 Part Number	Part Description
15454-192L-1-42.1=	OC192 LR/STM64 LH, 1542.14, 100GHz, 1 Ckt., SC
15454-192L-1-42.9	OC192 LR/STM64 LH, 1542.94, 100GHz, 1 Ckt., SC
15454-192L-1-42.9=	OC192 LR/STM64 LH, 1542.94, 100GHz, 1 Ckt., SC
15454-192L-1-43.7	OC192 LR/STM64 LH, 1543.73, 100GHz, 1 Ckt., SC
15454-192L-1-43.7=	OC192 LR/STM64 LH, 1543.73, 100GHz, 1 Ckt., SC
Integrated DWDM - 100GHz- (Longer Lead Time)	
15454-192L-1-44.5	OC192 LR/STM64 LH, 1544.53, 100GHz, 1 Ckt., SC
15454-192L-1-44.5=	OC192 LR/STM64 LH, 1544.53, 100GHz, 1 Ckt., SC
15454-192L-1-46.1	OC192 LR/STM64 LH, 1546.12, 100GHz, 1 Ckt., SC
15454-192L-1-46.1=	OC192 LR/STM64 LH, 1546.12, 100GHz, 1 Ckt., SC
15454-192L-1-46.9	OC192 LR/STM64 LH, 1546.92, 100GHz, 1 Ckt., SC
15454-192L-1-46.9=	OC192 LR/STM64 LH, 1546.92, 100GHz, 1 Ckt., SC
15454-192L-1-47.7	OC192 LR/STM64 LH, 1547.72, 100GHz, 1 Ckt., SC
15454-192L-1-47.7=	OC192 LR/STM64 LH, 1547.72, 100GHz, 1 Ckt., SC
15454-192L-1-48.5=	OC192 LR/STM64 LH, 1548.51, 100GHz, 1 Ckt., SC
15454-192L-1-48.5=	OC192 LR/STM64 LH, 1548.51, 100GHz, 1 Ckt., SC
Cisco 15454 Storage Interface Modules	
15454-FC-MR-4	Fibre Channel/FICON, 1-/2-Gbps, 4-Ckt, SL-Series
15454-FC-MR-4=	Fibre Channel/FICON, 1-/2-Gbps, 4-Ckt, SL-Series
Cisco 15454 Ethernet Interface Modules	
15454-CE100T-8	10/100Mb/s Ethernet, 8 Ckt, L1 Mapper
15454-CE100T-8=	10/100Mb/s Ethernet, 8 Ckt, L1 Mapper
15454-G1K-4	Gigabit Ethernet, 4 Ckt., L1, GBIC, XC/XC-VT/XC-10G
15454-G1K-4=	Gigabit Ethernet, 4 Ckt., L1, GBIC, XC/XC-VT/XC-10G
15454-ML100T-12	10/100Mb/s Ethernet, 12 Ckt, L2/L3
15454-ML100T-12=	10/100Mb/s Ethernet, 12 Ckt, L2/L3
15454-ML1000-2	Gigabit Ethernet, 2 Ckt, L2/L3, SFP
15454-ML1000-2=	Gigabit Ethernet, 2 Ckt, L2/L3, SFP
15454-E100T-G	10/100BT, 12 Ckt., XC/XC-VT/XC-10G
15454-E100T-G=	10/100BT, 12 Ckt., XC/XC-VT/XC-10G
15454-E1000-2-G	Gigabit Ethernet, 2 Ckt., L2, GBIC, XC/XC-VT/XC-10G
15454-E1000-2-G=	Gigabit Ethernet, 2 Ckt., L2, GBIC, XC/XC-VT/XC-10G
Cisco 15454 DWDM GBICs - Requires Software Release 4.1.0 or Greater	
15454-GBIC-30.3=	1000BASE-DWDM 1530.33nm GBIC (100GHz ITU grid)
15454-GBIC-31.1=	1000BASE-DWDM 1531.12nm GBIC (100GHz ITU grid)
15454-GBIC-31.9=	1000BASE-DWDM 1531.90nm GBIC (100GHz ITU grid)

Table D-1 List of Parts (continued)

Cisco 15454 Part Number	Part Description
15454-GBIC-32.6=	1000BASE-DWDM 1532.68nm GBIC (100GHz ITU grid)
15454-GBIC-34.2=	1000BASE-DWDM 1534.25nm GBIC (100GHz ITU grid)
15454-GBIC-35.0=	1000BASE-DWDM 1535.04nm GBIC (100GHz ITU grid)
15454-GBIC-35.8=	1000BASE-DWDM 1535.82nm GBIC (100GHz ITU grid)
15454-GBIC-36.6=	1000BASE-DWDM 1536.61nm GBIC (100GHz ITU grid)
15454-GBIC-38.1=	1000BASE-DWDM 1538.19nm GBIC (100GHz ITU grid)
15454-GBIC-38.9=	1000BASE-DWDM 1538.98nm GBIC (100GHz ITU grid)
15454-GBIC-39.7=	1000BASE-DWDM 1539.77nm GBIC (100GHz ITU grid)
15454-GBIC-40.5=	1000BASE-DWDM 1540.56nm GBIC (100GHz ITU grid)
15454-GBIC-42.1=	1000BASE-DWDM 1542.14nm GBIC (100GHz ITU grid)
15454-GBIC-42.9=	1000BASE-DWDM 1542.94nm GBIC (100GHz ITU grid)
15454-GBIC-43.7=	1000BASE-DWDM 1543.73nm GBIC (100GHz ITU grid)
15454-GBIC-44.5=	1000BASE-DWDM 1544.53nm GBIC (100GHz ITU grid)
15454-GBIC-46.1=	1000BASE-DWDM 1546.12nm GBIC (100GHz ITU grid)
15454-GBIC-46.9=	1000BASE-DWDM 1546.92nm GBIC (100GHz ITU grid)
15454-GBIC-47.7=	1000BASE-DWDM 1547.72nm GBIC (100GHz ITU grid)
15454-GBIC-48.5=	1000BASE-DWDM 1548.51nm GBIC (100GHz ITU grid)
15454-GBIC-50.1=	1000BASE-DWDM 1550.12nm GBIC (100GHz ITU grid)
15454-GBIC-50.9=	1000BASE-DWDM 1550.92nm GBIC (100GHz ITU grid)
15454-GBIC-51.7=	1000BASE-DWDM 1551.72nm GBIC (100GHz ITU grid)
15454-GBIC-52.5=	1000BASE-DWDM 1552.52nm GBIC (100GHz ITU grid)
15454-GBIC-54.1=	1000BASE-DWDM 1554.13nm GBIC (100GHz ITU grid)
15454-GBIC-54.9=	1000BASE-DWDM 1554.94nm GBIC (100GHz ITU grid)
15454-GBIC-55.7=	1000BASE-DWDM 1555.75nm GBIC (100GHz ITU grid)
15454-GBIC-56.5=	1000BASE-DWDM 1556.55nm GBIC (100GHz ITU grid)
15454-GBIC-58.1=	1000BASE-DWDM 1558.17nm GBIC (100GHz ITU grid)
15454-GBIC-58.9=	1000BASE-DWDM 1558.98nm GBIC (100GHz ITU grid)
15454-GBIC-60.6=	1000BASE-DWDM 1560.61nm GBIC (100GHz ITU grid)
Cisco 15454 CWDM GBICs - Requires Software Release 4.1.0 or Greater	
15454-GBIC-1470=	1000BASE-CWDM 1470 nm GBIC (single mode only)
15454-GBIC-1490=	1000BASE-CWDM 1490 nm GBIC (single mode only)
15454-GBIC-1510=	1000BASE-CWDM 1510 nm GBIC (single mode only)
15454-GBIC-1530=	1000BASE-CWDM 1530 nm GBIC (single mode only)
15454-GBIC-1550=	1000BASE-CWDM 1550 nm GBIC (single mode only)
15454-GBIC-59.7=	1000BASE-DWDM 1559.79nm GBIC (100GHz ITU grid)
15454-GBIC-1570=	1000BASE-CWDM 1570 nm GBIC (single mode only)

Table D-1 List of Parts (continued)

Cisco 15454 Part Number	Part Description
15454-GBIC-1590=	1000BASE-CWDM 1590 nm GBIC (single mode only)
15454-GBIC-1610=	1000BASE-CWDM 1610 nm GBIC (single mode only)
Cisco 15454 Accessories & Spares	
15454-FTA2=	Shelf Fan Tray Assembly, NEBS3E,15454, I-Temp
15454-RCA=	Rear Cover Assy, AB Side,15454
15454-BLANK	Empty slot Filler Panel
15454-BLANK=	Empty slot Filler Panel
15454-CONSOLE-02=	RJ11 to RJ45 Console Cable Adapter, 22 Inches
15454-SFP-LC-LX	1000 Base LX LC, SFP
15454-SFP-LC-LX=	1000 Base LX LC, SFP
15454-SFP-LC-SX	1000 Base SX LC, SFP
15454-SFP-LC-SX=	1000 Base SX LC, SFP
ONS-GX-2FC-MMI	1Gb/s or 2Gb/s, 850nm, SC, MM
ONS-SE-2G-S1	SFP - OC48/STM16 - 1310 SR - SM LC
ONS-SE-2G-S1=	SFP - OC48/STM16 - 1310 SR - SM LC
ONS-GX-2FC-MMI=	1Gb/s or 2Gb/s, 850nm, SC, MM
ONS-GX-2FC-SML	1G 1310nm, SC, SM
ONS-GX-2FC-SML=	1G 1310nm, SC, SM
15454-GBIC-LX	1000Base-LX, SC, SM or MM, standardized for 15454
15454-GBIC-LX=	1000Base-LX, SC, SM or MM, standardized for 15454
15454-GBIC-SX	1000Base-SX, SC, MM, standardized for 15454
15454-GBIC-SX=	1000Base-SX, SC, MM, standardized for 15454
15454-GBIC-ZX	1000Base-ZX, SM, G1000-4 on 15454 only, -5 to +50 DegC
15454-GBIC-ZX=	1000Base-ZX, SM, G1000-4 on 15454 only, -5 to +50 DegC
15454-FIBER-BOOT=	Bag of 15 90 degree fiber retention boots
15454-EMEA-KIT=	EMEA Compliance Kit for ANSI Shelf Assembly
15454-BAY-EXT=	15454 Bay Extender Kit
15454-BAY-COVER=	15454 Bay Side Cover Kit
15454-BAY-GUARD=	15454 Bay End Guard Kit
15454-BAY-ACC=	15454 Bay Accessory Kit
15454-HD-SHIPKIT=	HD Shelf Install Accessories
15454-TIE-BAR-19=	Cable tie-down n bar/guardrail for 19 inch rack
15454-TIE-BAR-23=	Cable tie-down n bar/guardrail for 23 inch rack
15454-SHIPKIT=	Shelf install accessories
15454-SA-GNDKIT=	Spare Door and Ground Cable
15454-FAP-LVD	Fuse and Alarm Panel with dual feed, Low voltage disconnect

Table D-1 List of Parts (continued)

Cisco 15454 Part Number	Part Description
15454-FAP-LVD=	Fuse and Alarm Panel with dual feed, Low voltage disconnect
15454-BAY-ACCKIT0	Zero Shelf Acckit
15454-BAY-ACCKIT4	Four Shelf Acckit
15454-0SA-RACK	15454 0-Shelf Rack Assembly
15454-4SA-RACK	15454 Bay Assy., 4-Shelves and Rack, No Options
15454-BP-COVER-A	15454 BLANK Backplane Cover, Side A
15454-BP-COVER-A=	15454 BLANK Backplane Cover, Side A
15454-BP-COVER-B	15454 BLANK Backplane Cover, Side B
15454-BP-COVER-B=	15454 BLANK Backplane Cover, Side B
15454-AEP	15454 Alarm Expansion Panel - ANSI support only
15454-AEP=	15454 Alarm Expansion Panel - ANSI support only
Cisco 15454 Relicensing for Used Equipment	
LL-ONS-15454	ONS 15454 Feature Package License
ONS 15454 - Documentation	
15454-DOC5.0.CD	System Documentation Release 5.0.0 English, CD
15454-DOC5.0.CD=	System Documentation Release 5.0.0 English, CD
15454-DOC5.0.PP	System Documentation Release 5.0.0 English, Paper
15454-DOC5.0.PP=	System Documentation Release 5.0.0 English, Paper
15454-DOC4.6.CD	System Documentation Release 4.6.0 English, CD
15454-DOC4.6.CD=	System Documentation Release 4.6.0 English, CD
15454-DOC4.6.PP	System Documentation Release 4.6.0 English, Paper
15454-DOC4.6.PP=	System Documentation Release 4.6.0 English, Paper
15454-DOC4.1.CD	System Documentation Release 4.1.0 English, CD
15454-DOC4.1.CD=	System Documentation Release Rel. 4.1.0 English, CD
15454-DOC4.1.PP	System Documentation Release 4.1.0 English, Paper
15454-DOC4.1.PP=	System Documentation Release 4.1.0 English, Paper
15454-DOC4.0.CD	System Documentation Release 4.0.0 English, CD
15454-DOC4.0.CD=	System Documentation Release 4.0.0 English, CD
15454-DOC4.0.PP	System Documentation Release 4.0.0 English, Paper
15454-DOC4.0.PP=	System Documentation Release 4.0.0 English, Paper
15454-DOC3.4.CD	System Documentation Release 3.4.0 English, CD
15454-DOC3.4.CD=	System Documentation Release 3.4.0 English, CD
15454-DOC3.4.PP	System Documentation Release 3.4.0 English, Paper
15454-DOC3.4.PP=	System Documentation Release 3.4.0 English, Paper
15454-DOC3.3.CD	System Documentation Release 3.3.0 English, CD
15454-DOC3.3.CD=	System Documentation Release 3.3.0 English, CD

Table D-1 List of Parts (continued)

Cisco 15454 Part Number	Part Description
15454-DOC3.3.0PP	System Documentation Release 3.3.0 English, Paper
15454-DOC3.3.0PP=	System Documentation Release 3.3.0 English, Paper
15454-DOC3.2.0CD	System Documentation Release 3.2.0 English, CD
15454-DOC3.2.0CD=	System Documentation Release 3.2.0 English, CD
15454-DOC3.2.0PP	System Documentation Release 3.2.0 English, Paper
15454-DOC3.2.0PP=	System Documentation Release 3.2.0 English, Paper
15454-DOC3.1.0CD	System Documentation Release 3.1.0 English, CD
15454-DOC3.1.0CD=	System Documentation Release 3.1.0 English, CD
15454-DOC3.1.0PP	System Documentation Release 3.1.0 English, Paper
15454-DOC3.1.0PP=	System Documentation Release 3.1.0 English, Paper
15454-DOC3.0.0CD	System Documentation Release 3.0.0 English, CD
15454-DOC3.0.0CD=	System Documentation Release 3.0.0 English, CD
15454-DOC3.0.0PP	System Documentation Release 3.0.0 English, Paper
15454-DOC3.0.0PP=	System Documentation Release 3.0.0 English, Paper
15454-DOC2.2.1CD=	System Documentation Release 2.2.1 English, CD
15454-DOC2.2.1PP=	System Documentation Release 2.2.1 English, Paper
DOC-7815224=	ONS 15454 SONET/SDH ML-Ser Multil Ethrnt Crd SW Rel 4.0
DOC-7815224=	ONS 15454 SONET/SDH ML-Ser Multil Ethrnt Crd SW Rel 4.0
DOC-7815241=	Cisco ONS 15454 Procedure Guide, Release 4.0
DOC-7815241=	Cisco ONS 15454 Procedure Guide, Release 4.0
DOC-7815242=	Cisco ONS 15454 Reference Manual, Release 4.0
DOC-7815242=	Cisco ONS 15454 Reference Manual, Release 4.0
DOC-7815243=	Cisco ONS 15454 Troubleshooting Guide, Release 4.0
DOC-7815243=	Cisco ONS 15454 Troubleshooting Guide, Release 4.0
DOC-7815244=	ONS 15454 and ONS 15327 TL1 Command Gd, Rel 4.0
DOC-7815244=	ONS 15454 and ONS 15327 TL1 Command Gd, Rel 4.0
DOC-7815245=	ONS 15454 and ONS 15327 TL1 Cmd Quick Ref Gde, Rel 4.0
DOC-7815245=	ONS 15454 and ONS 15327 TL1 Cmd Quick Ref Gde, Rel 4.0
DOC-7815246=	Cisco ONS 15454 Product Overview, Release 4.0
DOC-7815246=	Cisco ONS 15454 Product Overview, Release 4.0
DOC-7815424=	Cisco ONS 15454 Procedure Guide, R4.0
DOC-7815424=	Cisco ONS 15454 Procedure Guide, R4.0
DOC-7815642=	Cisco ONS 15454 Reference Manual, Release 3.4
DOC-7815642=	Cisco ONS 15454 Reference Manual, Release 3.4
DOC-7815669=	Cisco ONS 15454 Procedure Guide, Release 4.1 and 4.5
DOC-7815669=	Cisco ONS 15454 Procedure Guide, Release 4.1 and 4.5

Table D-1 List of Parts (continued)

Cisco 15454 Part Number	Part Description
DOC-7815670=	Cisco ONS 15454 Reference Manual, Release 4.1 and 4.5
DOC-7815670=	Cisco ONS 15454 Reference Manual, Release 4.1 and 4.5
DOC-7815671=	Cisco ONS 15454 Troubleshooting Guide, Release 4.1 and 4.5
DOC-7815671=	Cisco ONS 15454 Troubleshooting Guide, Release 4.1 and 4.5
DOC-7815695=	Cisco ONS 15454 and 15327 TL1 Command Gd, Rel 4.1 and 4.5
DOC-7815695=	Cisco ONS 15454 and 15327 TL1 Command Gd, Rel 4.1 and 4.5
DOC-7815696=	ONS 15454 and 15327 TL1 Cmd Quick Ref Gd, Rel 4.1 and 4.5
DOC-7815696=	ONS 15454 and 15327 TL1 Cmd Quick Ref Gd, Rel 4.1 and 4.5
DOC-7815702=	ONS 15454 SONET ML-Series Multilayer Ethnt Card SW Feature
DOC-7815702=	ONS 15454 SONET ML-Series Multilayer Ethnt Card SW Feature
DOC-7815934=	Cisco ONS 15454 Procedure Guide, Release 4.6
DOC-7815934=	Cisco ONS 15454 Procedure Guide, Release 4.6
DOC-7815981=	Cisco ONS 15454 Reference Manual, Release 4.6
DOC-7815981=	Cisco ONS 15454 Reference Manual, Release 4.6
DOC-7815982=	Cisco ONS 15454 Troubleshooting Guide, Release 4.6
DOC-7815982=	Cisco ONS 15454 Troubleshooting Guide, Release 4.6
DOC-7815984=	Cisco ONS 15454 Software Upgrade Guide, Release 4.6
DOC-7815984=	Cisco ONS 15454 Software Upgrade Guide, Release 4.6
DOC-7815990=	Cisco ONS 15454 and ONS 15327 TL1 Command Guide, Rel 4.6
DOC-7815990=	Cisco ONS 15454 and ONS 15327 TL1 Command Guide, Rel 4.6
DOC-7815991=	Cisco ONS 15454 and ONS 15327 TL1 Cmd Quick Ref Gd, Rel 4.6
DOC-7815991=	Cisco ONS 15454 and ONS 15327 TL1 Cmd Quick Ref Gd, Rel 4.6
DOC-7815992=	ONS 15454 SONET ML-Series Multilayer Ethernet SW Rel 4.6
DOC-7815992=	ONS 15454 SONET ML-Series Multilayer Ethernet SW Rel 4.6
DOC-7816097=	Quick Start Guide ONS 15454 and ONS 15327 TL1 for Beginners
DOC-7816097=	Quick Start Guide ONS 15454 and ONS 15327 TL1 for Beginners
DOC-7816240=	Cisco ONS 15454-FAP-LVD Operations Guide, Release 1.0
DOC-7816240=	Cisco ONS 15454-FAP-LVD Operations Guide, Release 1.0
ONS 15454 - System Software	
15454-LIC-UPG	15454 Software Upgrade License
15454-LIC-R5.0.2K9	15454 Upgrade License for R5.0.2, Right To Use License
15454-LIC-R5.0.0K9	15454 Upgrade License for R5.0.0, Right To Use License
15454-LIC-R4.6.1	15454 Upgrade License for R4.6.1, Right To Use License
15454-LIC-R4.1.3	15454 Upgrade License for R4.1.3, Right To Use License
15454-LIC-R4.1.0	15454 Upgrade License for R4.1.0

Table D-1 List of Parts (continued)

Cisco 15454 Part Number	Part Description
15454-LIC-R4.0.1	15454 Upgrade License for R4.0.1
15454-LIC-R4.0.0	15454 Upgrade License for R4.0.0
15454-LIC-R3.4.2	15454 Upgrade License for R3.4.2
15454-LIC-R3.4.1	15454 Upgrade License for R3.4.1
15454-LIC-R3.4.0	15454 Upgrade License for R3.4.0
15454-LIC-R3.3.0	15454 Upgrade License for R3.3.0
15454-LIC-R3.2.1	15454 Upgrade License for R3.2.1
15454-LIC-R3.2.0	15454 Upgrade License for R3.2.0
15454-LIC-R3.1.0	15454 Upgrade License for R3.1.0
15454-LIC-R3.0.3	15454 Upgrade License for R3.0.3
15454-R5.0.2SWK9	Rel. 5.0.2 Feature Pkg., CD, Right To Use License
15454-R5.0.2SWK9=	Rel. 5.0.2 Feature Pkg., CD, Right To Use License
15454-R5.0.0SWK9	Rel. 5.0.0 Feature Pkg., CD, Right To Use License
15454-R5.0.0SWK9=	Rel. 5.0.0 Feature Pkg., CD, Right To Use License
15454-R4.6.4SWK9	Rel. 4.6.4 Feature Pkg., CD, Right To Use License
15454-R4.6.4SWK9=	Rel. 4.6.4 Feature Pkg., CD, Right To Use License
15454-R4.6.2SWK9	Rel. 4.6.2 Feature Pkg., CD, Right To Use License
15454-R4.6.2SWK9=	Rel. 4.6.2 Feature Pkg., CD, Right To Use License
15454-R4.6.1SWCD	Rel. 4.6.1 Feature Pkg., CD, Right To Use License
15454-R4.6.1SWCD=	Rel. 4.6.1 Feature Pkg., CD, Right To Use License
15454-R4.1.6SWCD	Rel. 4.1.6 Feature Pkg., CD, Right To Use License
15454-R4.1.6SWCD=	Rel. 4.1.6 Feature Pkg., CD, Right To Use License
15454-R4.1.5SWCD	Rel. 4.1.5 Feature Pkg., CD, Right To Use License
15454-R4.1.5SWCD=	Rel. 4.1.5 Feature Pkg., CD, Right To Use License
15454-R4.1.4SWCD	Rel. 4.1.4 Feature Pkg., CD, Right To Use License
15454-R4.1.4SWCD=	Rel. 4.1.4 Feature Pkg., CD, Right To Use License
15454-R4.1.3SWCD	Rel. 4.1.3 Feature Pkg., CD, Right To Use License
15454-R4.1.3SWCD=	Rel. 4.1.3 Feature Pkg., CD, Right To Use License
15454-R4.1.0SWCD	Rel. 4.1.0 Feature Pkg., CD, Right To Use License
15454-R4.1.0SWCD=	Rel. 4.1.0 Feature Pkg., CD, Right To Use License
15454-R4.0.1SWCD	Rel. 4.0.1 Feature Pkg., CD, Right To Use License
15454-R4.0.1SWCD=	Rel. 4.0.1 Feature Pkg., CD, Right To Use License
15454-R4.0.0SWCD	Rel. 4.0.0 Feature Pkg., CD, Right To Use License
15454-R4.0.0SWCD=	Rel. 4.0.0 Feature Pkg., CD, Right To Use License
15454-R3.4.2SWCD	Rel. 3.4.2 Feature Pkg., CD, Right To Use License
15454-R3.4.1SWCD	Rel. 3.4.1 Feature Pkg., CD, Right To Use License

Table D-1 List of Parts (continued)

Cisco 15454 Part Number	Part Description
15454-R3.4.1SWCD=	Rel. 3.4.1 Feature Pkg., CD, Right To Use License
15454-R3.4.0SW/CD	Rel. 3.4.0 Feature Pkg., CD, Right To Use License
15454-R3.4.0SW/CD=	Rel. 3.4.0 Feature Pkg., CD, Right To Use License
15454-R3.3.0SW/CD	Rel. 3.3.0 Feature Pkg., CD, Right To Use License
ONS 15454 - System Software	
15454-R3.3.0SW/CD=	Rel. 3.3.0 Feature Pkg., CD, Right To Use License
15454-R3.2.1SW/CD	Rel. 3.2.1 Feature Pkg., CD, Right To Use License
15454-R3.2.1SW/CD=	Rel. 3.2.1 Feature Pkg., CD, Right To Use License
15454-R3.2.0SW/CD	Rel. 3.2.0 Feature Pkg., CD, Right To Use License
15454-R3.2.0SW/CD=	Rel. 3.2.0 Feature Pkg., CD, Right To Use License
15454-R3.1.0SW/CD	Rel. 3.1.0 Feature Pkg., CD, Right To Use License
15454-R3.1.0SW/CD=	Rel. 3.1.0 Feature Pkg., CD, Right To Use License
15454-R3.0.3SW/CD	Rel. 3.0.3 Feature Pkg., CD, Right To Use License
15454-R3.0.3SW/CD=	Rel. 3.0.3 Feature Pkg., CD, Right To Use License
15454-R2.3.3SW/CD=	Rel. 2.3.3 Feature Pkg., CD, Right To Use License
15454-R2.2.2SWCD=	Rel. 2.2.2 Feature Pkg., CD, Right To Use License
SF15454-R5.0.2K9	Rel. 5.0.2 SW, Pre-loaded on TCC
SF15454-R5.0.0K9	Rel. 5.0.0 SW, Pre-loaded on TCC
SF15454-R4.6.4K9	Rel. 4.6.4 SW, Pre-loaded on TCC
SF15454-R4.6.2K9	Rel. 4.6.2 SW, Pre-loaded on TCC
SF15454-R4.6.1K9	Rel. 4.6.1 SW, Pre-loaded on TCC
SF15454-R4.1.6	Rel. 4.1.6 SW, Pre-loaded on TCC
SF15454-R4.1.5	Rel. 4.1.5 SW, Pre-loaded on TCC
SF15454-R4.1.4	Rel. 4.1.4 SW, Pre-loaded on TCC
SF15454-R4.1.3	Rel. 4.1.3 SW, Pre-loaded on TCC
SF15454-R4.1.0	Rel. 4.1.0 SW, Pre-loaded on TCC
SF15454-R4.0.1	Rel. 4.0.1 SW, Pre-loaded on TCC
SF15454-R4.0.0	Rel. 4.0.0 SW, Pre-loaded on TCC
SF15454-R3.4.2	Rel. 3.4.2 SW, Pre-loaded on TCC
SF15454-R3.4.1	Rel. 3.4.1 SW, Pre-loaded on TCC
SF15454-R3.4.0	Rel. 3.4.0 SW, Pre-loaded on TCC
SF15454-R3.3.0	Rel. 3.3.0 SW, Pre-loaded on TCC
SF15454-R3.2.1	Rel. 3.2.1 SW, Pre-loaded on TCC
SF15454-R3.2.0	Rel. 3.2.0 SW, Pre-loaded on TCC
SF15454-R3.1.0	Rel. 3.1.0 SW, Pre-loaded on TCC
SF15454-R3.0.3	Rel. 3.0.3 SW, Pre-loaded on TCC

Table D-1 List of Parts (continued)

Cisco 15454 Part Number	Part Description
SF15454-R2.2.2	Rel. 2.2.2 SW, Pre-loaded on TCC
Cisco 15454 Cable Assemblies	
15454-CADS1-V-ID=	DS1Cable Assembly - 250 ft
15454-CADS1-V-LD=	DS1Cable Assembly - 655 ft
15454-CADS1-V-SD=	DS1Cable Assembly - 150 ft
15454-CADS3-V-ID=	DS3 Cable Assembly-225 ft
15454-CADS3-V-LD=	DS3 Cable Assembly-450 ft
15454-CADS3-V-SD=	DS3 Cable Assembly- 75 ft
15454-CADS3-H-25=	DS3 Cable Assembly, UBIC-H - 25 ft
15454-CADS1-H-25=	DS1 Cable Assembly, UBIC-H - 25 ft
15454-CADS1-H-50=	DS1 Cable Assembly, UBIC-H - 50 ft
15454-CADS1-H-75=	DS1 Cable Assembly, UBIC-H - 75 ft
15454-CADS1-H-100=	DS1 Cable Assembly, UBIC-H - 100 ft
15454-CADS1-H-150=	DS1 Cable Assembly, UBIC-H - 150 ft
15454-CADS1-H-200=	DS1 Cable Assembly, UBIC-H - 200 ft
15454-CADS1-H-250=	DS1 Cable Assembly, UBIC-H - 250 ft
15454-CADS1-H-350=	DS1 Cable Assembly, UBIC-H - 350 ft
15454-CADS1-H-450=	DS1 Cable Assembly, UBIC-H - 450 ft
15454-CADS1-H-550=	DS1 Cable Assembly, UBIC-H - 550 ft
15454-CADS1-H-655=	DS1 Cable Assembly, UBIC-H - 655 ft
15454-CADS3-H-50=	DS3 Cable Assembly, UBIC-H - 50 ft
15454-CADS3-H-75=	DS3 Cable Assembly, UBIC-H - 75 ft
15454-CADS3-H-100=	DS3 Cable Assembly, UBIC-H - 100 ft
15454-CADS3-H-125=	DS3 Cable Assembly, UBIC-H - 125 ft
15454-CADS3-H-150=	DS3 Cable Assembly, UBIC-H - 150 ft
15454-CADS3-H-175=	DS3 Cable Assembly, UBIC-H - 175 ft
15454-CADS3-H-200=	DS3 Cable Assembly, UBIC-H - 200 ft
15454-CADS3-H-225=	DS3 Cable Assembly, UBIC-H - 225 ft
15454-CADS3-H-250=	DS3 Cable Assembly, UBIC-H - 250 ft
15454-CADS3-H-300=	DS3 Cable Assembly, UBIC-H - 300 ft
15454-CADS3-H-350=	DS3 Cable Assembly, UBIC-H - 350 ft
15454-CADS3-H-450=	DS3 Cable Assembly, UBIC-H - 450 ft
15454-CA-HDBNC-30=	Cable Assy, HD-BNC, 30 FT
15454-CA-HDBNC-75=	Cable Assy, HDBNC, 75 FT
15454-AMP-WW-100=	Cable Assy, AMP-WW, 100 FT
15454-AMP-WW-250=	Cable Assy, AMP-WW, 250 FT

Table D-1 List of Parts (continued)

Cisco 15454 Part Number	Part Description
15454-AMP-WW-30=	Cable Assy, AMP-WW, 30 FT
15454-AMP-WW-50=	Cable Assy, AMP-WW, 50 FT
15454-SMB-BNC-10=	Cable Assy, SMB-BNC, 10 FT
15454-SMB-BNC-30=	Cable Assy, SMB-BNC, 30 FT
15454-SMB-BNC-50=	Cable Assy, SMB-BNC, 50 FT
MSTP SOLUTIONS - SW and Documentation	
15454-WDM4.7.0K9=	Rel. 4.7.0 MSTP Feature Pkg., CD, DWDM ONLY DEPLOYMENTS
SF15454-W4.7.0K9	Rel. 4.7.0 SW, MSTP, Pre-loaded on TCC,DWDM ONLY DEPLOYMENTS
15454-MSTP-D4.7C=	Sys. Doc,MSTP, Rel. 4.7.0 English, CD, DWDM ONLY DEPLOYMENTS
15454-MSTP-D4.7P=	Sys. Doc,MSTP, Rel. 4.7.0 English, PP, DWDM ONLY DEPLOYMENTS
15454-R4.6.2SWK9	Rel. 4.6.2 Feature Pkg., CD, Right To Use License
15454-R4.6.2SWK9=	Rel. 4.6.2 Feature Pkg., CD, Right To Use License
SF15454-R4.6.2K9	Rel. 4.6.2 SW, Pre-loaded on TCC
15454-LIC-R4.6.2K9	15454 Upgrade License for R4.6.2, Right To Use License
15454-R4.6.1SWK9	Rel. 4.6.1 Feature Pkg., CD, Right To Use License
15454-R4.6.1SWK9=	Rel. 4.6.1 Feature Pkg., CD, Right To Use License
SF15454-R4.6.1K9	Rel. 4.6.1 SW, Pre-loaded on TCC
15454-LIC-R4.6.1K9	15454 Upgrade License for R4.6.1, Right To Use License
15454-DOC4.6.0CD=	Sys. Doc. Rel. 4.6.0 English, CD
15454-DOC4.6.0PP=	Sys. Doc. Rel. 4.6.0 English, Paper
MSTP Solution - 15454 WDM Common/Control and Accessories	
15454-OSC-CSM=	ONS 15454 Combiner and Separator with OSC Module
15454-OSCM=	ONS 15454 Optical Service Channel Module
15454-PP-64-LC=	Patch Panel Shelf - 64 Connectors - LC/UPC
15454-FBR-STRG=	Fiber Storage Shelf
15454-AIR-RAMP=	ONS 15454 Air Ramp / Baffle for the ANSI Chassis
15454-MPO-8LC-2=	Multi-fiber patchcord - MPO to 8xLC - 2m
15454-LC-LC-2=	Fiber patchcord - LC to LC - 2m
2.5G Multiservice Aggregation Card - (Shorter Lead Time)	
15454-DM-L1-38.1=	2.5Gbps Multi-rate DataMuxponder 4ch 1538.19-1540.56
15454-DM-L1-42.1=	2.5Gbps Multi-rate DataMuxponder 4ch 1542.14-1544.53
15454-DM-L1-54.1=	2.5Gbps Multi-rate DataMuxponder 4ch 1554.13-1556.55
15454-DM-L1-58.1=	2.5Gbps Multi-rate DataMuxponder 4ch 1558.17-1560.61

Table D-1 List of Parts (continued)

Cisco 15454 Part Number	Part Description
15454-DMP-L1-38.1=	2.5G Multi-rate DataMuxpdr FiberSwthcd 4ch 1538.19-1540.56
15454-DMP-L1-42.1=	2.5G Multi-rate DataMuxpdr FiberSwthcd 4ch 1542.14-1544.53
15454-DMP-L1-54.1=	2.5G Multi-rate DataMuxpdr FiberSwthcd 4ch 1554.13-1556.55
15454-DMP-L1-58.1=	2.5G Multi-rate DataMuxpdr FiberSwthcd 4ch 1558.17-1560.61
2.5G Multiservice Aggregation Card - (Longer Lead Time)	
15454-DM-L1-30.3=	2.5Gbps Multi-rate DataMuxponder 4ch 1530.33-1532.68
15454-DM-L1-34.2=	2.5Gbps Multi-rate DataMuxponder 4ch 1534.25-1536.61
15454-DM-L1-46.1=	2.5Gbps Multi-rate DataMuxponder 4ch 1546.12-1548.51
15454-DM-L1-50.1=	2.5Gbps Multi-rate DataMuxponder 4ch 1550.12-1552.52
15454-DMP-L1-30.3=	2.5G Multi-rate DataMuxpdr FiberSwthcd 4ch 1530.33-1532.68
15454-DMP-L1-34.2=	2.5G Multi-rate DataMuxpdr FiberSwthcd 4ch 1534.25-1536.61
15454-DMP-L1-46.1=	2.5G Multi-rate DataMuxpdr FiberSwthcd 4ch 1546.12-1548.51
15454-DMP-L1-50.1=	2.5G Multi-rate DataMuxpdr FiberSwthcd 4ch 1550.12-1552.52
MSTP Solution - Unprotected Multi-Rate Transponder	
15454-MR-L1-30.3=	Multi-Rate Txp 100M-2.5G 100G 4ch 1530.33-1532.68
15454-MR-L1-34.2=	Multi-Rate Txp 100M-2.5G 100G 4ch 1534.25-1536.61
15454-MR-L1-38.1=	Multi-Rate Txp 100M-2.5G 100G 4ch 1538.19-1540.56
15454-MR-L1-42.1=	Multi-Rate Txp 100M-2.5G 100G 4ch 1542.14-1544.53
15454-MR-L1-46.1=	Multi-Rate Txp 100M-2.5G 100G 4ch 1546.12-1548.51
15454-MR-L1-50.1=	Multi-Rate Txp 100M-2.5G 100G 4ch 1550.12-1552.52
15454-MR-L1-54.1=	Multi-Rate Txp 100M-2.5G 100G 4ch 1554.13-1556.55
15454-MR-L1-58.1=	Multi-Rate Txp 100M-2.5G 100G 4ch 1558.17-1560.61
MSTP Solution - Protected Multi-Rate Transponder	
15454-MRP-L1-30.3=	Multi-Rate Txp 100M-2.5G 100G 4ch 1530.33-1532.68 Protected
15454-MRP-L1-34.2=	Multi-Rate Txp 100M-2.5G 100G 4ch 1534.25-1536.61 Protected
15454-MRP-L1-38.1=	Multi-Rate Txp 100M-2.5G 100G 4ch 1538.19-1540.56 Protected
15454-MRP-L1-42.1=	Multi-Rate Txp 100M-2.5G 100G 4ch 1542.14-1544.53 Protected
15454-MRP-L1-46.1=	Multi-Rate Txp 100M-2.5G 100G 4ch 1546.12-1548.51 Protected
15454-MRP-L1-50.1=	Multi-Rate Txp 100M-2.5G 100G 4ch 1550.12-1552.52 Protected
15454-MRP-L1-54.1=	Multi-Rate Txp 100M-2.5G 100G 4ch 1554.13-1556.55 Protected
15454-MRP-L1-58.1=	Multi-Rate Txp 100M-2.5G 100G 4ch 1558.17-1560.61 Protected
MSTP Solution - 10G MultiRate Transponder	
15454-10E-L1-30.3=	Multi-Rate Txp 10G/10GE - EFEC - 4ch 1530.33-1532.68
15454-10E-L1-34.2=	Multi-Rate Txp 10G/10GE - EFEC - 4ch 1534.25-1536.61
15454-10E-L1-38.1=	Multi-Rate Txp 10G/10GE - EFEC - 4ch 1538.19-1540.56
15454-10E-L1-42.1=	Multi-Rate Txp 10G/10GE - EFEC - 4ch 1542.14-1544.53

Table D-1 List of Parts (continued)

Cisco 15454 Part Number	Part Description
15454-10E-L1-46.1=	Multi-Rate Txp 10G/10GE - EFEC - 4ch 1546.12-1548.51
15454-10E-L1-50.1=	Multi-Rate Txp 10G/10GE - EFEC - 4ch 1550.12-1552.52
15454-10E-L1-54.1=	Multi-Rate Txp 10G/10GE - EFEC - 4ch 1554.13-1556.55
15454-10E-L1-58.1=	Multi-Rate Txp 10G/10GE - EFEC - 4ch 1558.17-1560.61
MSTP Solution - 4 x 2.5G Muxponder	
15454-10ME-30.3=	4 x 2.5 Gbs - 10Gbs Muxpdr - EFEC - Tunable 1530.33-1532.68
15454-10ME-34.2=	4 x 2.5 Gbs - 10Gbs Muxpdr - EFEC - Tunable 1534.25-1536.61
15454-10ME-38.1=	4 x 2.5 Gbs - 10Gbs Muxpdr - EFEC - Tunable 1538.19-1540.56
15454-10ME-42.1=	4 x 2.5 Gbs - 10Gbs Muxpdr - EFEC - Tunable 1542.14-1544.53
15454-10ME-46.1=	4 x 2.5 Gbs - 10Gbs Muxpdr - EFEC - Tunable 1546.12-1548.51
15454-10ME-50.1=	4 x 2.5 Gbs - 10Gbs Muxpdr - EFEC - Tunable 1550.12-1552.52
15454-10ME-54.1=	4 x 2.5 Gbs - 10Gbs Muxpdr - EFEC - Tunable 1554.13-1556.55
15454-10ME-58.1=	4 x 2.5 Gbs - 10Gbs Muxpdr - EFEC - Tunable 1558.17-1560.61
MSTP Solution - Sonet SFP's	
15454-SFP-OC48-IR=	SFP - OC-48 - 1310nm IR - SM - LC
15454-SFP12-4-IR=	SFP - OC-12 - 1310nm IR - SM - LC
15454-SFP3-1-IR=	SFP - OC-3/D1-SDI - 1310nm IR - SM - LC
15454-SFP-200=	SFP-ESCON - 1310nm - MM - LC
MSTP Solution - Data SFP's	
15454-SFP-GEFC-SX=	SFP - GE/1G-FC/2G-FC - 850nm - MM - LC
15454-SFP-GE+-LX=	SFP - GE/1G-FC/2G-FC/HDTV - 1310nm - SM - LC
MSTP Solution - Amplifiers	
15454-OPT-BST=	ONS 15454 Optical Booster Amplifier Module
15454-OPT-PRE=	ONS 15454 Optical Pre-Amplifier Module
MSTP Solution - Bundles and Kits	
15454-PRE-SK	MSTP Bundle- Contains 2ea Optical Pre-Amplifier Module
15454-BST-SK	MSTP Bundle - Contains 2ea Optical Booster Amplifier Module
15454-ROADM-SK	ROADM Bundle - Contains 2ea WSS and DMX, 32 Ch -100GHz - Odd
15454-10ME-58-SK	Includes 2ea 15454-10ME-58.1
15454-10E-58-SK	Contains 2ea 15454-10E-L1-58.1 and ONS-XC-10G-S1
MSTP Solution - Mux/Demux	
15454-32DMX-O=	ONS 15454 32 Chs Demultiplexer - 100GHz - Odd
15454-32MUX-O=	ONS 15454 32 Chs Multiplexer - 100GHz - Odd
15454-4MD-30.3=	ONS 15454 4 Chs Mux and Demux - 100GHz - 1530.33nm
15454-4MD-34.2=	ONS 15454 4 Chs Mux and Demux - 100GHz - 1534.25nm
15454-4MD-38.1=	ONS 15454 4 Chs Mux and Demux - 100GHz - 1538.19nm

Table D-1 List of Parts (continued)

Cisco 15454 Part Number	Part Description
15454-4MD-42.1=	ONS 15454 4 Chs Mux and Demux - 100GHz - 1542.14nm
15454-4MD-46.1=	ONS 15454 4 Chs Mux and Demux - 100GHz - 1546.12nm
15454-4MD-50.1=	ONS 15454 4 Chs Mux and Demux - 100GHz - 1550.12nm
15454-4MD-54.1=	ONS 15454 4 Chs Mux and Demux - 100GHz - 1554.13nm
15454-4MD-58.1=	ONS 15454 4 Chs Mux and Demux - 100GHz - 1558.17nm
MSTP Solution - Requires R4.7SW-Reconfigurable OADM (ROADM)	
15454-32-DMX=	32 Ch DMUX 100 GHz (for use with 32.WSS)
15454-32-DMX	32 Ch DMUX 100 GHz (for use with 32.WSS)
15454-32-WSS=	32 Ch Wavelength Selective Switch
15454-32-WSS	32 Ch Wavelength Selective Switch
MSTP Solution - 1 Channel OADM	
15454-AD-1C-30.3=	ONS 15454 OADM - 1 Chn - 100GHz - 1530.33
15454-AD-1C-31.1=	ONS 15454 OADM - 1 Chn - 100GHz - 1531.12
15454-AD-1C-31.9=	ONS 15454 OADM - 1 Chn - 100GHz - 1531.90
15454-AD-1C-32.6=	ONS 15454 OADM - 1 Chn - 100GHz - 1532.68
15454-AD-1C-34.2=	ONS 15454 OADM - 1 Chn - 100GHz - 1534.25
15454-AD-1C-35.0=	ONS 15454 OADM - 1 Chn - 100GHz - 1535.04
15454-AD-1C-35.8=	ONS 15454 OADM - 1 Chn - 100GHz - 1535.82
15454-AD-1C-36.6=	ONS 15454 OADM - 1 Chn - 100GHz - 1536.61
15454-AD-1C-38.1=	ONS 15454 OADM - 1 Chn - 100GHz - 1538.19
15454-AD-1C-38.9=	ONS 15454 OADM - 1 Chn - 100GHz - 1538.98
15454-AD-1C-39.7=	ONS 15454 OADM - 1 Chn - 100GHz - 1539.77
15454-AD-1C-40.5=	ONS 15454 OADM - 1 Chn - 100GHz - 1540.56
15454-AD-1C-42.1=	ONS 15454 OADM - 1 Chn - 100GHz - 1542.14
15454-AD-1C-42.9=	ONS 15454 OADM - 1 Chn - 100GHz - 1542.94
15454-AD-1C-43.7=	ONS 15454 OADM - 1 Chn - 100GHz - 1543.73
15454-AD-1C-44.5=	ONS 15454 OADM - 1 Chn - 100GHz - 1544.53
15454-AD-1C-46.1=	ONS 15454 OADM - 1 Chn - 100GHz - 1546.12
15454-AD-1C-46.9=	ONS 15454 OADM - 1 Chn - 100GHz - 1546.92
15454-AD-1C-47.7=	ONS 15454 OADM - 1 Chn - 100GHz - 1547.72
15454-AD-1C-48.5=	ONS 15454 OADM - 1 Chn - 100GHz - 1548.51
15454-AD-1C-50.1=	ONS 15454 OADM - 1 Chn - 100GHz - 1550.12
15454-AD-1C-50.9=	ONS 15454 OADM - 1 Chn - 100GHz - 1550.92
15454-AD-1C-51.7=	ONS 15454 OADM - 1 Chn - 100GHz - 1551.72
15454-AD-1C-52.5=	ONS 15454 OADM - 1 Chn - 100GHz - 1552.52
15454-AD-1C-54.1=	ONS 15454 OADM - 1 Chn - 100GHz - 1554.13

Table D-1 List of Parts (continued)

Cisco 15454 Part Number	Part Description
15454-AD-1C-54.9=	ONS 15454 OADM - 1 Chn - 100GHz - 1554.94
MSTP Solution - 1 Channel OADM	
15454-AD-1C-55.7=	ONS 15454 OADM - 1 Chn - 100GHz - 1555.75
15454-AD-1C-56.5=	ONS 15454 OADM - 1 Chn - 100GHz - 1556.55
15454-AD-1C-58.1=	ONS 15454 OADM - 1 Chn - 100GHz - 1558.17
15454-AD-1C-58.9=	ONS 15454 OADM - 1 Chn - 100GHz - 1558.98
15454-AD-1C-59.7=	ONS 15454 OADM - 1 Chn - 100GHz - 1559.79
15454-AD-1C-60.6=	ONS 15454 OADM - 1 Chn - 100GHz - 1560.61
MSTP Solution - 2 Channel OADM	
15454-AD-2C-30.3=	ONS 15454 OADM - 2 Chs - 100GHz - 1530.33 - 1531.12
15454-AD-2C-31.9=	ONS 15454 OADM - 2 Chs - 100GHz - 1531.90 - 1532.68
15454-AD-2C-34.2=	ONS 15454 OADM - 2 Chs - 100GHz - 1534.25 - 1535.04
15454-AD-2C-35.8=	ONS 15454 OADM - 2 Chs - 100GHz - 1535.82 - 1536.61
15454-AD-2C-38.1=	ONS 15454 OADM - 2 Chs - 100GHz - 1538.19 - 1538.98
15454-AD-2C-39.7=	ONS 15454 OADM - 2 Chs - 100GHz - 1539.77 - 1540.56
15454-AD-2C-42.1=	ONS 15454 OADM - 2 Chs - 100GHz - 1542.14 - 1542.94
15454-AD-2C-43.7=	ONS 15454 OADM - 2 Chs - 100GHz - 1543.73 - 1544.53
15454-AD-2C-46.1=	ONS 15454 OADM - 2 Chs - 100GHz - 1546.12 - 1546.92
15454-AD-2C-47.7=	ONS 15454 OADM - 2 Chs - 100GHz - 1547.72 - 1548.51
15454-AD-2C-50.1=	ONS 15454 OADM - 2 Chs - 100GHz - 1550.12 - 1550.92
15454-AD-2C-51.7=	ONS 15454 OADM - 2 Chs - 100GHz - 1551.72 - 1552.52
15454-AD-2C-54.1=	ONS 15454 OADM - 2 Chs - 100GHz - 1554.13 - 1554.94
15454-AD-2C-55.7=	ONS 15454 OADM - 2 Chs - 100GHz - 1555.75 - 1556.55
15454-AD-2C-58.1=	ONS 15454 OADM - 2 Chs - 100GHz - 1558.17 - 1558.98
15454-AD-2C-59.7=	ONS 15454 OADM - 2 Chs - 100GHz - 1559.79 - 1560.61
MSTP Solution - 4 Channel OADM	
15454-AD-4C-30.3=	ONS 15454 OADM - 4 Chs - 100GHz - 30.33-31.12-31.90-32.68
15454-AD-4C-34.2=	ONS 15454 OADM - 4 Chs - 100GHz - 34.25-35.04-35.82-36.61
15454-AD-4C-38.1=	ONS 15454 OADM - 4 Chs - 100GHz - 38.19-38.98-39.77-40.56
15454-AD-4C-42.1=	ONS 15454 OADM - 4 Chs - 100GHz - 42.14-42.94-43.73-44.53
15454-AD-4C-46.1=	ONS 15454 OADM - 4 Chs - 100GHz - 46.12-46.92-47.72-48.51
15454-AD-4C-50.1=	ONS 15454 OADM - 4 Chs - 100GHz - 50.12-50.92-51.72-52.52
15454-AD-4C-54.1=	ONS 15454 OADM - 4 Chs - 100GHz - 54.13-54.94-55.75-56.55
15454-AD-4C-58.1=	ONS 15454 OADM - 4 Chs - 100GHz - 58.17-58.98-59.79-60.61
MSTP Solution - 1 Band OADM	
15454-AD-1B-30.3=	ONS 15454 OADM - 1 Band - 1530.33nm

Table D-1 List of Parts (continued)

Cisco 15454 Part Number	Part Description
15454-AD-1B-34.2=	ONS 15454 OADM - 1 Band - 1534.25nm
15454-AD-1B-38.1=	ONS 15454 OADM - 1 Band - 1538.19nm
15454-AD-1B-42.1=	ONS 15454 OADM - 1 Band - 1542.14nm
15454-AD-1B-46.1=	ONS 15454 OADM - 1 Band - 1546.12nm
15454-AD-1B-50.1=	ONS 15454 OADM - 1 Band - 1550.12nm
15454-AD-1B-54.1=	ONS 15454 OADM - 1 Band - 1554.13nm
15454-AD-1B-58.1=	ONS 15454 OADM - 1 Band - 1558.17nm
MSTP Solution - 4 Band OADM	
15454-AD-4B-30.3=	ONS 15454 OADM - 4 Bands - 30.33-34.25-38.19-42.14
15454-AD-4B-46.1=	ONS 15454 OADM - 4 Bands - 46.12-50.12-54.13-58.17
Products for Use With the CTMP Program	
15454-2-TCC2	Bundle for use with CTMP, Contains 2 ea. TCC2s.
15454-2-ML1000-2	Bundle for use with CTMP, Contains 2 ea. ML 1000s
15454-2-ML100T-12	Bundle for use with CTMP, Contains 2 ea. ML 100Ts
15454-2-FC-MR-4	Bundle for use with CTMP, Contains 2 ea.FC-MRs (SL Series)
15454-2-G1K-4	Bundle for use with CTMP, Contains 2 ea. G1Ks
15454-2-OC192S1310	Bundle for use with CTMP, Contains 2 ea.OC192 SR 1310.
15454-2-OC192I1550	Bundle for use with CTMP, Contains 2 ea.OC192 IR 1550.
15454-2-OC48I1310A	Bundle for use with CTMP, Contains 2 ea.OC48 IR1310 Anyslot.
15454-2-OC48L1550A	Bundle for use with CTMP, Contains 2 ea.OC48 LR1550 Anyslot.
15454-2-192L-54.1	Bundle for use with CTMP, Contains 2 ea.OC192L,1554.13
15454-2-192L-56.5	Bundle for use with CTMP, Contains 2 ea.OC192L,1556.55
15454-2-OC192-LR2	Bundle for use with CTMP, Contains 2 ea.OC192 LR 1550.
PRODUCTS PENDING END OF SALE (See Product Bulletin #XXXX)	
15454-SA-ANSI	15454 SA NEBS3 ANSI w/RCA and Ship Kit, EOS 05-2005(2480)
15454-SA-ANSI=	15454 SA NEBS3 ANSI w/RCA and Ship Kit, EOS 05-2005(2480)
15454-EIA-AMP-A84	Elect I/F, 84 AMP, A Side, I-Temp, EOS 05-2005(2481)
15454-EIA-AMP-A84=	Elect I/F, 84 AMP, A Side, I-Temp, EOS 05-2005(2481)
15454-EIA-AMP-B84	Elect I/F, 84 AMP, B Side, I-Temp, EOS 05-2005(2481)
15454-EIA-AMP-B84=	Elect I/F, 84 AMP, B Side, I-Temp, EOS 05-2005(2481)
15454-EIA-BNC-A24	Elect I/F, 24 BNC, A Side, I-Temp, EOS 05-2005(2481)
15454-EIA-BNC-A24=	Elect I/F, 24 BNC, A Side, I-Temp, EOS 05-2005(2481)
15454-EIA-BNC-B24	Elect I/F, 24 BNC, B Side, I-Temp, EOS 05-2005(2481)
15454-EIA-BNC-B24=	Elect I/F, 24 BNC, B Side, I-Temp, EOS 05-2005(2481)
15454-EIA-BNC-A48	Elect I/F, 48 BNC, A Side, I-Temp, EOS 05-2005(2481)
15454-EIA-BNC-A48=	Elect I/F, 48 BNC, A Side, I-Temp, EOS 05-2005(2481)

Table D-1 List of Parts (continued)

Cisco 15454 Part Number	Part Description
15454-EIA-BNC-B48	Elect I/F, 48 BNC, B Side, I-Temp, EOS 05-2005(2481)
15454-EIA-BNC-B48=	Elect I/F, 48 BNC, B Side, I-Temp, EOS 05-2005(2481)
15454-EIA-SMB-A84	Elect I/F, 84 SMB, A Side, I-Temp, EOS 05-2005(2481)
15454-EIA-SMB-A84=	Elect I/F, 84 SMB, A Side, I-Temp, EOS 05-2005(2481)
15454-EIA-SMB-B84	Elect I/F, 84 SMB, B Side, I-Temp, EOS 05-2005(2481)
15454-EIA-SMB-B84=	Elect I/F, 84 SMB, B Side, I-Temp, EOS 05-2005(2481)
15454-OC481IR1310	OC48, IR, 1310, 1 Ckt, SC, EOS 8-05, (2353)
15454-OC481IR1310=	OC48, IR, 1310, 1 Ckt, SC, EOS 8-05, (2353)
15454-OC481LR1550	OC48, LR, 1550, 1 Ckt, SC, EOS 8-05, (2353)
15454-OC481LR1550=	OC48, LR, 1550, 1 Ckt, SC, EOS 8-05, (2353)
15454-DS3N-12	DS3, 1:N, 12 Ckt, I-Temp, EOS Nov, 2005 (2633)
15454-DS3N-12=	DS3, 1:N, 12 Ckt, I-Temp, EOS Nov, 2005 (2633)
15454-DS3-12	DS3, 12 Ckt., I-Temp, EOS Nov, 2005 (2633)
15454-DS3-12=	DS3, 12 Ckt., I-Temp, EOS Nov, 2005 (2633)
15454-EIA-1BNCA24	HD Elect I/F, 24 BNC, A Side, EOS Nov. 2005 (2632)
15454-EIA-1BNCA24=	HD Elect I/F, 24 BNC, A Side, EOS Nov. 2005 (2632)
15454-EIA-1BNCB24	HD Elect I/F, 24 BNC, B Side, EOS Nov. 2005 (2632)
15454-EIA-1BNCB24=	HD Elect I/F, 24 BNC, B Side, EOS Nov. 2005 (2632)
15454-10T-L1-30.3=	10Gbs Tpx - 100Ghz- Tunable 30.33-31.12, EOS Feb 06 (2763)
15454-10T-L1-31.9=	10Gbs Tpx - 100Ghz- Tunable 31.90-32.68, EOS Feb 06 (2763)
15454-10T-L1-34.2=	10Gbs Tpx - 100Ghz- Tunable 34.25-35.04, EOS Feb 06 (2763)
15454-10T-L1-35.8=	10Gbs Tpx - 100Ghz- Tunable 35.82-36.61, EOS Feb 06 (2763)
15454-10T-L1-38.1=	10Gbs Tpx - 100Ghz- Tunable 38.19-38.98, EOS Feb 06 (2763)
PRODUCTS PENDING END OF SALE (See Product Bulletin #XXXX)	
15454-10T-L1-39.7=	10Gbs Tpx - 100Ghz- Tunable 39.77-40.56, EOS Feb 06 (2763)
15454-10T-L1-42.1=	10Gbs Tpx - 100Ghz- Tunable 42.14-42.94, EOS Feb 06 (2763)
15454-10T-L1-43.7=	10Gbs Tpx - 100Ghz- Tunable 43.73-44.53, EOS Feb 06 (2763)
15454-10T-L1-46.1=	10Gbs Tpx - 100Ghz- Tunable 46.12-46.92, EOS Feb 06 (2763)
15454-10T-L1-47.7=	10Gbs Tpx - 100Ghz- Tunable 47.72-48.51, EOS Feb 06 (2763)
15454-10T-L1-50.1=	10Gbs Tpx - 100Ghz- Tunable 50.12-50.92, EOS Feb 06 (2763)
15454-10T-L1-51.7=	10Gbs Tpx - 100Ghz- Tunable 51.72-52.52, EOS Feb 06 (2763)
15454-10T-L1-54.1=	10Gbs Tpx - 100Ghz- Tunable 54.13-54.94, EOS Feb 06 (2763)
15454-10T-L1-55.7=	10Gbs Tpx - 100Ghz- Tunable 55.75-56.55, EOS Feb 06 (2763)
15454-10T-L1-58.1=	10Gbs Tpx - 100Ghz- Tunable 58.17-58.98, EOS Feb 06 (2763)
15454-10T-L1-59.7=	10Gbs Tpx - 100Ghz- Tunable 59.79-60.61, EOS Feb 06 (2763)

Table D-1 *List of Parts (continued)*

Cisco 15454 Part Number	Part Description
15454-10M-L1-30.3=	2.5Gbs-10Gbs Muxpdr-100Ghz-Tune 30.33-31.12,EOS Feb 06(2763)
15454-10M-L1-31.9=	2.5Gbs-10Gbs Muxpdr-100Ghz-Tune 31.90-32.68,EOS Feb 06(2763)
15454-10M-L1-34.2=	2.5 Gbs - 10Gbs Muxpdr-100Ghz-Tunable 34.25-35.04
15454-10M-L1-35.8=	2.5 Gbs - 10Gbs Muxpdr-100Ghz-Tunable 35.82-36.61
15454-10M-L1-38.1=	2.5 Gbs - 10Gbs Muxpdr-100Ghz-Tunable 38.19-38.98
15454-10M-L1-39.7=	2.5 Gbs - 10Gbs Muxpdr-100Ghz-Tunable 39.77-40.56
15454-10M-L1-42.1=	2.5 Gbs - 10Gbs Muxpdr-100Ghz-Tunable 42.14-42.94
15454-10M-L1-43.7=	2.5 Gbs - 10Gbs Muxpdr-100Ghz-Tunable 43.73-44.53
15454-10M-L1-46.1=	2.5 Gbs - 10Gbs Muxpdr-100Ghz-Tunable 46.12-46.92
15454-10M-L1-47.7=	2.5 Gbs - 10Gbs Muxpdr-100Ghz-Tunable 47.72-48.51
15454-10M-L1-50.1=	2.5 Gbs - 10Gbs Muxpdr-100Ghz-Tunable 50.12-50.92
15454-10M-L1-51.7=	2.5 Gbs - 10Gbs Muxpdr-100Ghz-Tunable 51.72-52.52
15454-10M-L1-54.1=	2.5 Gbs - 10Gbs Muxpdr-100Ghz-Tunable 54.13-54.94
15454-10M-L1-55.7=	2.5 Gbs - 10Gbs Muxpdr-100Ghz-Tunable 55.75-56.55
15454-10M-L1-58.1=	2.5 Gbs - 10Gbs Muxpdr-100Ghz-Tunable 58.17-58.98
15454-10M-L1-59.7=	2.5 Gbs - 10Gbs Muxpdr-100Ghz-Tunable 59.79-60.61