



Card Types

This appendix provides a listing of card types and the corresponding Cisco card description ([Table A-1](#)).

Table A-1 Card Names and Protection

Product ID	Card Type	Protection Type	Card Name	Card Description
15454-O48E-1-xx.x (ANSI) 15454E-EL16HSxxxx (ETSI)	2.5-Gbps ELR ITU-T	Client 1+1	OC-48 ELR-xx.x (ANSI) STM16 EH-xx.x (ETSI)	OC48 ELR/STM16 EH 100 GHz - 15xx.xxxnm
15454-MRP-L1-xx.x (ANSI Fiber-Switched) 15454E-MRP-1-xx.x (ETSI Fiber-Switched) 15454-MR-L1-xx.x (ANSI) 15454E-MR-1-xx.x (ETSI)	2.5G MR TXP w/FEC (ISC-1 Not Supported)	Client 1+1 Y-Cable Fiber- Switched	TXPP-MR-2.5G- xx.x[xx.x] (Fiber-Switched) TXP-MR-2.5G- xx.x[xx.x]	2.5-Gbps Multirate Transponder-Protected- 100-GHz-Tunable xx.xx-xx.xx 2.5-Gbps Multirate Transponder-100-GHz-Tun- able xx.xx-xx.xx
	2.5G MR TXP w/o FEC	Client 1+1 Y-Cable (No ISC-1) Fiber- Switched (No ISC-1)		
	2.5G MR TXP 2R Mode	Client 1+1 Y-Cable (No ETR/CLO) (No ISC-3) Fiber- Switched (No ETR/CLO) (No ISC-3)		
15454-192L-1-xx.x (ANSI) 15454E-64L-xx.x (ETSI)	10-Gbps LR ITU-T	Client 1+1	OC-192 LR-xx.x (ANSI) STM-64 ELH-xx.x (ETSI)	OC192 LR/STM64 LH ITU 15xx.xx
15454-10T-L1-xx.x (ANSI) 15454E-10T-xx.x (ETSI)	10G MR TXP w/FEC 10G MR TXP w/o FEC	Client 1+1 Y-Cable	TXP-MR-10G-xx.x [xx.x]	10-Gbps Transponder-100-GHz-Tun- able xx.xx-xx.xx

Table A-1 Card Names and Protection (continued)

Product ID	Card Type	Protection Type	Card Name	Card Description
15454-10M-L1-xx.x (ANSI) 15454E-10M-xx.x (ETSI)	4x2.5-Gbps MXP w/FEC 4x2.5-Gbps MXP w/o FEC	Client 1+1 Y-Cable	MXP-2.5G-10G- xx.x[xx.x]	2.5-Gbps–10-Gbps Muxponder–100 GHz– Tunable xx.xx-xx.xx
15454-DMP-L1-xx.x (ANSI Fiber-Switched) 15454E-DMP-1-xx.x (ETSI Fiber-Switched) 15454-DM-L1-xx.x (ANSI) 15454E-DM-1-xx.x (ETSI)	2.5G Data MXP w/o FEC	Client 1+1 Y-Cable Fiber- Switched	MXPP_MR_2.5G -xx.x[xx.x] (Fiber-Switched) MXP_MR_2.5G- xx.x[xx.x]	2.5-Gbps Multirate Muxponder-Protected–100- GHz–Tunable 15xx.xx-15yy.yy 2.5-Gbps Multirate Muxponder-100GHz- Tunable 15xx.xx-15yy.yy
15454-10E-L1-xx.x (ANSI) 15454E-10E-1-xx.x (ETSI)	10G Enh MR TXP w/EFEC 10G Enh MR TXP w/FEC 10G Enh MR TXP w/o FEC	Client 1+1 Y-Cable	TXP_MR_10E- xx.x[xx.x]	10-Gbps Transponder–100-GHz–Ena hnced–Tunable xx.xx-xx.xx
15454-10ME-xx.x (ANSI) 15454E-10ME-xx.x (ETSI)	4x2.5-Gbps Enh MXP w/EFEC 4x2.5-Gbps Enh MXP w/FEC	Client 1+1 Y-Cable	MXP_2.5G_10E- xx.x[xx.x]	10-Gbps Muxponder–100-GHz–Ena hnced FEC–Tunable xx.xx-xx.xx
15454-GBIC-xx.x (ANSI) 15454E-GBIC-xx.x (ETSI)	GE Wavelength- Division Multi- plexing (WDM) Gigabit Interface Converter (GBIC)	Client 1+1	WDM GBIC xx.x	GBIC xx.x WDM 100GHz
DWDM-XENPAK-xx.x	10GE WDM XenPak	Unprotected Client 1+1	10GBase-DWDM xx.x nm XENPAK	10GBase-DWDM xx.x nm XENPAK
15530-ITU2-xx10 (w/splitter) 15530-ITU2-xx20 (non-splitter)	10Gbps Aggregation (w / splitter) 10Gbps Aggregation	Client 1+1 Fiber- Switched/ Splitter	ONS 15530 Ch x 10-Gbps ITU Trunk Card MU w/ Splitter ONS 15530 Ch x 10-Gbps ITU Trunk Card MU w/o Splitter	ONS 15530 10-Gbps ITU Trunk Card with splitter ONS 15530 10-Gbps ITU Trunk Card without splitter

Table A-1 Card Names and Protection (continued)

Product ID	Card Type	Protection Type	Card Name	Card Description
15530-ITU3-xx10 (w/splitter) 15530-ITU3-xx20 (non-splitter)	2.5Gbps Aggregation (w / splitter) 2.5Gbps Aggregation	Client 1+1 Fiber- Switched/ Splitter	15530-ITU3-xx10 15530-ITU3-xx20	ONS 15530 Ch x/y 2.5-Gbps ITU Trunk Card MU w/ Splitter ONS 15530 Ch x/y 2.5-Gbps ITU Trunk Card MU w/o Splitter
15530-TSP1-xx11 (MM w/splitter) 15530-TSP1-xx12 (SM w/splitter) 15530-TSP1-xx21 (MM non-splitter) 15530-TSP1-xx22 (SM non-splitter)	MR MM Transponder (w / splitter) MR SM Transponder (w / splitter) MR MM Transponder MR SM Transponder	Client 1+1 Y-Cable Fiber- Switched/ Splitter	15530-TSP1-xx11 15530-TSP1-xx12 15530-TSP1-xx21 15530-TSP1-xx22	ONS 15530 Transponder Ch x/y - 1310nm MM SC w/ splitter ONS 15530 Transponder Ch x/y - 1310nm SM SC w/ splitter ONS 15530 Transponder Ch x/y - 1310nm MM SC w/o splitter ONS 15530 Transponder Ch x/y - 1310nm SM SC w/o splitter
15530-MSMP-xx12 (w/splitter) 15530-MSMP-xx22 (non-splitter)	Data Muxponder (w / splitter) Data Muxponder	Client 1+1 Fiber- Switched/ Splitter	15530-MSMP-xx12 15530-MSMP-xx22	MR Data Muxponder (w / splitter) MR Data Muxponder (w/o splitter)

