



Cards supported in Cisco Transport Planner Release 10.5

This document provides a list of interface and card types supported in Cisco Transport Planner, as well as the corresponding Cisco product ID

The card names in this appendix designated with “_C” or “_L” appear in Cisco Transport Planner with a “_y” designation before network analysis. The “_y” designation indicates that Cisco Transport Planner will use either a C- or L-band card, depending on the band selected during project creation.



Americas Headquarters:
Cisco Systems, Inc., 170 West Tasman Drive, San Jose, CA 95134-1706 USA

Service: OTU4 111.810 Gb/s

Interface Type	Card Type	Protection	Trunk Mode	Product ID
TXP	100G-CK-LC-C	Client 1+1 PSM-OCH(*) (CPAK-100G-SR10 and CPAK-100G-LR4)	HG-FEC (20%) EFEC (7%) FEC	15454-M-100G-CK-LC-C
		Ycable (CPAK-100G-LR4)		
	100G-CK-ME-C	Client 1+1 PSM-OCH(*) (CPAK-100G-SR10 and CPAK-100G-LR4)	EFEC (7%) FEC	15454-M-100G-CK-ME-C=
		Ycable (CPAK-100G-LR4)		
	100G-CK-LC-C + CFP-LC	Client 1+1 PSM-OCH(*)	HG-FEC (20%) EFEC (7%) FEC	15454-M-100G-CK-LC-C= + 15454-M-CFP-LC= (TRK-COMP-MXP)
	100G-CK-ME-C + CFP-LC	Client 1+1 PSM-OCH(*)	EFEC (7%) FEC	15454-M-100G-CK-ME-C= + 15454-M-CFP-LC= (TRK-COMP-MXP)
	100G-LC-C	Client 1+1 PSM-OCH(*)	HG-FEC (20%) EFEC (7%) FEC	15454-M-100G-LC-C= (TXP-100G)
	100G-ME-C	Client 1+1 PSM-OCH(*)	EFEC (7%) FEC	15454-M-100G-ME-C= (TXP-100G)
100G-LC-C + CFP-LC	Client 1+1 PSM-OCH(*)	HG-FEC (20%) EFEC (7%) FEC	15454-M-100G-LC-C= + 15454-M-CFP-LC= (TRK-COMP-TXP)	
100G-ME-C + CFP-LC	Client 1+1 PSM-OCH(*)	EFEC (7%) FEC	15454-M-100G-ME-C= + 15454-M-CFP-LC= (TRK-COMP-TXP)	
LC	CRS 100G IPoDWDM PLIM	Client 1+1 PSM-OCH	HG-FEC (20%) EFEC (7%) FEC	1-100GE-DWDM/C=

(*) PSM-OCH is supported in stand alone mode

Service: 100GBASE-R LAN-Phy 103.125 Gb/s

Interface Type	Card Type	Protection	Trunk Mode	Product ID
TXP	200G-CK-LC	Client 1+1 PSM-OCH	SD-FEC (20% Prop.) HG-FEC (7% Prop.) FEC	NCS2K-200G-CK-C=
	100GS-CK-LC	Client 1+1 PSM-OCH(*)	SD-FEC (20% Prop.) HG-FEC (7% Prop.) FEC	15454-M-100GS-CK-LC=
	100G-CK-LC-C	Client 1+1 PSM-OCH(*) (for CPAK-100G-SR10 and CPAK-Ycable (for CPAK-100G-LR4)	HG-FEC (20%) EFEC (7%) FEC	15454-M-100G-CK-LC-C
	100G-CK-ME-C	Client 1+1 PSM-OCH(*) (for CPAK-100G-SR10 and CPAK-100G-LR4) Ycable (for CPAK-100G-LR4)	EFEC (7%) FEC	15454-M-100G-CK-ME-C=
	100G-CK-LC-C + CFP-LC	Client 1+1 PSM-OCH(*) Ycable	HG-FEC (20%) EFEC (7%) FEC	15454-M-100G-CK-LC-C= + 15454-M-CFP-LC= (TRK-COMP-MXP)
	100G-CK-ME-C + CFP-LC	Client 1+1 PSM-OCH(*) Ycable	EFEC (7%) FEC	15454-M-100G-CK-ME-C= + 15454-M-CFP-LC= (TRK-COMP-MXP)
	100G-LC-C	Client 1+1 PSM-OCH(*)	HG-FEC (20%) EFEC (7%) FEC	15454-M-100G-LC-C= (TXP-100G)
	100G-ME-C	Client 1+1 PSM-OCH(*)	EFEC (7%) FEC	15454-M-100G-ME-C= (TXP-100G)
	100G-LC-C + CFP-LC	Client 1+1 PSM-OCH(*) Ycable	HG-FEC (20%) EFEC (7%) FEC	15454-M-100G-LC-C= + 15454-M-CFP-LC= (TRK-COMP-TXP)
	100G-ME-C + CFP-LC	Client 1+1 PSM-OCH(*) Ycable	EFEC (7%) FEC	15454-M-100G-ME-C= + 15454-M-CFP-LC= (TRK-COMP-TXP)
MRP	200G-CK-LC + MR-MXP	PSM-OCH	SD-FEC (20%)	NCS2K-200G-CK-C= + NCS2K-MR-MXP-LIC=
LC	CRS 100G IPoDWDM PLIM	Client 1+1 PSM-OCH	HG-FEC (20%) EFEC (7%) FEC	1-100GE-DWDM/C=

(*) PSM-OCH is supported in stand alone mode

Service: OC-768/STM-256 **Bit Rate:**39.813 Gb/s

Interface Type	Card Type	Protection	Trunk Mode	Product ID
TXP	40G CP-DQPSK TXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-CP-DQPSK-TXP-C=
	40G CP-DQPSK ME TXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-CP-DQPSK-ME-TXP-C=
	40G DQPSK TXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-DQPSK-TXP-C=
	40G DWDM ITU-T TXP	Client 1+1 PSM-OCH	EFEC	15454-40G-DWDM-ITU-T-TXP-C=
LC	CRS-1 40G DWDM ITU-T LC	Client 1+1 PSM-OCH	EFEC	10C768-DWDM/C=
	CRS-1 40G DPSK ITU-T LC	Client 1+1 PSM-OCH	EFEC	10C768-DPSK/C=

Service: OTU3	43.018 Gb/s
---------------	-------------

Interface Type	Card Type	Protection	Trunk Mode	Product ID
MXP	100G-LC-C + CFP-LC	Client 1+1 PSM-OCH(*)	HG-FEC (20%) EFEC (7%) FEC	15454-M-100G-LC-C= + 15454-M-CFP-LC= (TRK- COMP-TXP)
	100G-ME-C + CFP-LC	Client 1+1 PSM-OCH(*)	EFEC (7%) FEC	15454-M-100G-ME-C= + 15454-M-CFP-LC= (TRK- COMP-TXP)
TXP	40G CP-DQPSK TXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-CP-DQPSK- TXP-C=
	40G CP-DQPSK ME TXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-CP-DQPSK-ME- TXP-C=
	40G DQPSK TXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-DQPSK-TXP- C=

(*) PSM-OCH is supported in stand alone mode

Service: 40GE LAN-Phy 41.25 Gb/s

Interface Type	Card Type	Protection	Trunk Mode	Product ID
MXP	100G-CK-LC-C	Client 1+1 PSM-OCH(*)	HG-FEC (20%) EFEC (7%) FEC	15454-M-100G-CK-LC-C
	100G-CK-ME-C	Client 1+1 PSM-OCH(*)	EFEC (7%) FEC	15454-M-100G-CK-ME-C=
	100G-CK-LC-C + CFP-LC	Client 1+1 PSM-OCH(*) (for CFP-40G FR CFP-40G SR4)	HG-FEC (20%) EFEC (7%) FEC	15454-M-100G-CK-LC-C= + 15454-M-CFP-LC= (TRK-COMP-MXP)
		Ycable (for CFP-40G LR4)		
	100G-CK-ME-C + CFP-LC	Client 1+1 PSM-OCH(*) (for CFP-40G FR CFP-40G SR4)	EFEC (7%) FEC	15454-M-100G-CK-ME-C= + 15454-M-CFP-LC= (TRK-COMP-MXP)
		Ycable (for CFP-40G LR4)		
	100G-LC-C + CFP-LC	Client 1+1 PSM-OCH(*) (for CFP-40G FR CFP-40G SR4)	HG-FEC (20%) EFEC (7%) FEC	15454-M-100G-LC-C= + 15454-M-CFP-LC= (TRK-COMP-TXP)
Ycable (for CFP-40G LR4)				
100G-ME-C + CFP-LC	Client 1+1 PSM-OCH(*) (for CFP-40G FR CFP-40G SR4)	EFEC (7%) FEC	15454-M-100G-ME-C= + 15454-M-CFP-LC= (TRK-COMP-TXP)	
	Ycable (for CFP-40G LR4)			
TXP	40G CP-DQPSK TXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-CP-DQPSK-TXP-C=
	40G CP-DQPSK ME TXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-CP-DQPSK-ME-TXP-C=
	40G DQPSK TXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-DQPSK-TXP-C=

(*) PSM-OCH is supported in stand alone mode

Service: OTU2 **Bit Rate:10.71 Gb/s**

Interface Type	Card Type	Protection	Trunk Mode	Product ID
TXP	10x10G-LC	Client 1+1 PSM-OCH Ycable	EFEC FEC	15454-M-10X10G-LC= (RGN-10G)
	OTU2_XP	Ycable Client 1+1 PSM-OCH FiberSW	EFEC FEC	15454-OTU2-XP=
	WSE	Client 1+1 PSM-OCH Ycable	EFEC FEC	15454-M-WSE-K9
MXP	100G-CK-LC-C + 10X10G-LC	Client 1+1 PSM-OCH(*) Ycable	HG-FEC (20%) EFEC (7%)	15454-M-100G-CK-LC-C= + 15454-M-10x10G-
	100G-CK-ME-C + 10X10G-LC	Client 1+1 PSM-OCH(*) Ycable	EFEC (7%) FEC	15454-M-100G-CK-ME-C= + 15454-M-10x10G-
	100G-LC-C + 10X10G-LC	Client 1+1 PSM-OCH(*) Ycable	HG-FEC (20%) EFEC (7%)	15454-M-100G-LC-C= + 15454-M-10x10G-
	100G-ME-C + 10X10G-LC	Client 1+1 PSM-OCH(*) Ycable	EFEC (7%) FEC	15454-M-100G-ME-C= + 15454-M-10x10G-
	40G CP-DQPSK MXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-CP-DQPSK-MXP-C=
	40G CP-DQPSK ME MXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-CP-DQPSK-ME-MXP-C=
	40G DQPSK MXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-MXP-C=

(*) PSM-OCH is supported in stand alone mode

Service: OTU2e		Bit Rate: 11.1 Gb/s		
Interface Type	Card Type	Protection	Trunk Mode	Product ID
TXP	10x10G-LC	Client 1+1 PSM- OCH	EFEC FEC	15454-M-10X10G-LC= (RGN-10G)
	OTU2_XP	Ycable Client 1+1 PSM- OCH	EFEC FEC	15454-OTU2-XP=
	WSE	Client 1+1 PSM- OCH	EFEC FEC	15454-M-WSE-K9
MXP	100G-CK-LC-C + 10X10G-LC	Client 1+1 PSM- OCH(*)	HG-FEC (20%) EFEC (7%)	15454-M-100G-CK-LC-C= + 15454-M-10x10G-LC= (MXP- 10x10G)
	100G-CK-ME-C + 10X10G-LC	Client 1+1 PSM- OCH(*)	EFEC (7%) FEC	15454-M-100G-CK-ME-C= + 15454-M-10x10G-LC= (MXP- 10x10G)
	100G-LC-C + 10X10G- LC	Client 1+1 PSM- OCH(*) Ycable	HG-FEC (20%) EFEC (7%) FEC	15454-M-100G-LC-C= + 15454-M-10x10G-LC= (MXP- 10x10G)
	100G-ME-C + 10X10G- LC	Client 1+1 PSM- OCH(*) Ycable	EFEC (7%) FEC	15454-M-100G-ME-C= + 15454-M-10x10G-LC= (MXP- 10x10G)
	40G CP-DQPSK MXP	Client 1+1 Ycable PSM- OCH	EFEC FEC	15454-40G-CP-DQPSK-MXP-C=
	40G CP-DQPSK ME MXP	Client 1+1 Ycable PSM- OCH	EFEC FEC	15454-40G-CP-DQPSK-ME-MXP-C
	40G DQPSK MXP	Client 1+1 Ycable PSM- OCH	EFEC FEC	15454-40G-MXP-C=

Service: OC-192/STM-64 Bit Rate:9.953 Gb/s

Interface Type	Card Type	Protection	Trunk Mode	Product ID
TXP	200G-CK-LC	Client 1+1 PSM-OCH	SD-FEC (20% Prop.) HG-FEC (7% Prop.) FEC	NCS2K-200G-CK-C=
	10x10G-LC	Client 1+1 PSM-OCH Ycable	EFEC FEC NOFEC	15454-M-10X10G-LC=
	OTU2_XP	Ycable Client 1+1 PSM-OCH FiberSW	EFEC FEC NOFEC	15454-OTU2-XP=
	WSE	Client 1+1 PSM-OCH Ycable	EFEC FEC NOFEC	15454-M-WSE-K9
	TXP_MR_10E_y	Ycable Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-10E-L1-L= (L band)
	TXP_MR_10EX_C	Ycable Client 1+1 PSM-OCH	EFEC FEC	15454-10EX-L1-C=
	TXP_MR_10E	Ycable Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-10E-L1-C= (C band) 15454-10E-L1-L= (L band)
MXP	200G-CK-LC + 10X10G-LC	Client 1+1 PSM-OCH Y Cable	SD-FEC (20% Prop.) HG-FEC (7% Prop.) FEC	NCS2K-200G-CK-C= + 15454-M-10X10G-LC=
	100GS-CK-LC + 10X10G-LC	Client 1+1 PSM-OCH(*)	SD-FEC (20% Prop.) HG-FEC (7% Prop.) FEC	15454-M-100GS-CK-LC= + 15454-M-10x10G-LC= (MXP- 10x10G)
	100G-CK-LC-C + 10X10G-LC	Client 1+1 PSM-OCH(*) [Ycable]	HG-FEC (20%) EFEC (7%) FEC	15454-M-100G-CK-LC-C= + 15454-M-10x10G-LC= (MXP- 10x10G)
	100G-CK-ME-C + 10X10G-LC	Client 1+1 PSM-OCH(*) [Ycable]	EFEC (7%) FEC	15454-M-100G-CK-ME-C= + 15454-M-10x10G-LC= (MXP- 10x10G)
	100G-LC-C + 10X10G-LC	Client 1+1 PSM-OCH(*) Ycable	HG-FEC (20%) EFEC (7%) FEC	15454-M-100G-LC-C= + 15454-M-10x10G-LC= (MXP- 10x10G)
	100G-ME-C + 10X10G-LC	Client 1+1 PSM-OCH(*) Ycable	EFEC (7%) FEC	15454-M-100G-ME-C= + 15454-M-10x10G-LC= (MXP- 10x10G)
	40G CP-DQPSK MXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-CP-DQPSK-MXP- C=
	40G CP-DQPSK ME MXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-CP-DQPSK-ME- MXP-C=
	40G DQPSK MXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-MXP-C=
	40G DWDM MXP 4x10G	Client 1+1 PSM-OCH	EFEC	15454-40G-DWDM-MXP-C=
	ADM_10G *	N/A	EFEC FEC NOFEC	15454-ADM-10G=
LC	10G_XR	Client 1+1 PSM-OCH	NOFEC	15454-10G-XR=

* - Available only on TDM Agg demand

Service: OC-48/STM-16	Bit Rate: 2.488 Gb/s
------------------------------	-----------------------------

Interface Type	Card Type	Protection	Trunk Mode	Product ID
MXP	AR-MXP	Ycable Client 1+1 PSM-OCH	EFEC FEC NOFEC	AR-MXP - MXP-MR (HR)
	AR-XP	Ycable Client 1+1 FiberSW (*) PSM-OCH	EFEC FEC NOFEC	AR-XP - MXP-DME (HR) AR-XP - MXPP-DME (HR)
	MXP_2.5G_10E_y	Ycable Client 1+1 PSM-OCH	EFEC FEC	15454-10ME-L1-xx.y=
	MXP_2.5G_10EX_C	Ycable Client 1+1 PSM-OCH	EFEC FEC	15454-10ME-L1-xx.y=
	MXP_2.5G_10E	Ycable Client 1+1 PSM-OCH	EFEC FEC	15454-10ME-L1-xx.y=
	ADM_10G	Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-ADM-10G=
TXP	AR-MXP	Ycable Client 1+1 FiberSW (*) PSM-OCH	FEC NOFEC	AR-MXP - MXP-MR (HR)
	AR-XP	Ycable Client 1+1 FiberSW (*) PSM-OCH	FEC NOFEC	AR-XP - TXP-MR (LR) AR-XP - TXPP-MR (LR)
	TXP_MR_2.5G TXPP_MR_2.5G	Ycable Client 1+1 FiberSW	FEC NOFEC	15454-MR-L1-xx.y= (Unprot) 15454-MRP-L1-xx.y= (Prot)
LC	MRC-I-12	Client 1+1 PSM-OCH	NOFEC	15454E-MRC-I-12=
PL	DWDM ITU-T SFP	Client 1+1 PSM-OCH	NOFEC	ONS-SC-4G=

Service: OTU1 | **Bit Rate:2.66 Gb/s**

Interface Type	Card Type	Protection	Trunk Mode	Product ID
MXP	AR-MXP	Ycable Client 1+1 PSM-OCH	EFEC FEC NOFEC	AR-MXP - MXP-MR (HR)
	AR-XP	Ycable Client 1+1 FiberSW (*) PSM-OCH	EFEC FEC NOFEC	AR-XP - MXP-DME (HR) AR-XP - MXPP-DME (HR)
TXP	AR-MXP	Ycable Client 1+1 FiberSW (*) PSM-OCH	FEC NOFEC	AR-MXP - MXP-MR (HR)
	AR-XP	Ycable Client 1+1 FiberSW (*) PSM-OCH	FEC NOFEC	AR-XP - TXP-MR (LR) AR-XP - TXPP-MR (LR)

Service: OC-12/STM-4 **Bit Rate:**622 Mb/s

Interface Type	Card Type	Protection	Trunk Mode	Product ID
MXP	AR-MXP	Ycable Client 1+1 FiberSW (*) PSM-OCH	EFEC FEC NOFEC	AR-MXP - MXP-MR (HR)
			FEC NOFEC	AR-MXP - MXP-MR (LR) AR-MXP - MXPP-MR (LR)
	AR-XP	Ycable Client 1+1 FiberSW (*) PSM-OCH	EFEC FEC NOFEC	AR-XP - MXP-DME (HR) AR-XP - MXPP-DME (HR)
			FEC NOFEC	AR-XP - MXP-MR (LR) AR-XP - MXPP-MR (LR)
TXP	AR-MXP	Ycable Client 1+1 FiberSW (*) PSM-OCH	FEC NOFEC	AR-MXP - TXP-MR (LR) AR-MXP - TXPP-MR (LR)
	AR-XP	Ycable Client 1+1 FiberSW (*) PSM-OCH	FEC NOFEC	AR-XP - TXP-MR (LR) AR-XP - TXPP-MR (LR)
	TXP_MR_2.5G TXPP_MR_2.5G	Ycable Client 1+1 FiberSW	FEC NOFEC	15454-MR-L1-xx.y= (Unprot) 15454-MRP-L1-xx.y= (Prot)
MXP	ADM_10G	Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-ADM-10G=

Service: OC-3/STM-1 **Bit Rate:**155 Mb/s

Interface Type	Card Type	Protection	Trunk Mode	Product ID
MXP	AR-MXP	Ycable Client 1+1 FiberSW (*) PSM-OCH	EFEC FEC NOFEC	AR-MXP - MXP-MR (HR)
			FEC NOFEC	AR-MXP - MXP-MR (LR) AR-MXP - MXPP-MR (LR)
	AR-XP	Ycable Client 1+1 FiberSW (*) PSM-OCH	EFEC FEC NOFEC	AR-XP - MXP-DME (HR) AR-XP - MXPP-DME (HR)
			FEC NOFEC	AR-XP - MXP-MR (LR) AR-XP - MXPP-MR (LR)
TXP	AR-MXP	Ycable Client 1+1 FiberSW (*) PSM-OCH	FEC NOFEC	AR-MXP - MXP-MR (HR)
	AR-XP	Ycable Client 1+1 FiberSW (*) PSM-OCH	FEC NOFEC	AR-XP - TXP-MR (LR) AR-XP - TXPP-MR (LR)
	TXP_MR_2.5G TXPP_MR_2.5G	Ycable Client 1+1 FiberSW	FEC NOFEC	15454-MR-L1-xx.y= (Unprot) 15454-MRP-L1-xx.y= (Prot)
MXP	ADM_10G	Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-ADM-10G=

Interface Type	Card Type	Protection	Trunk Mode	Product ID
TXP	10x10G-LC	Client 1+1 PSM-OCH Ycable	EFEC FEC NOFEC(#)	15454-M-10X10G-LC= (RGN-10G)
	OTU2_XP	Ycable Client 1+1 PSM-OCH FiberSW	EFEC FEC NOFEC	15454-OTU2-XP=
	AR-MXP	Client 1+1 Ycable PSM-OCH	EFEC FEC NOFEC	AR-MXP - MXP-MR (HR)
	AR-XP	Client 1+1 Ycable PSM-OCH	EFEC FEC NOFEC	AR-XP - MXP-DME (HR) AR-XP - MXPP-DME (HR)
	WSE	Client 1+1 PSM-OCH [Ycable]	EFEC FEC NOFEC(#)	15454-M-WSE-K9
	TXP_MR_10E_y	Ycable Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-10E-L1-L= (L band)
	TXP_MR_10EX_C	Ycable Client 1+1 PSM-OCH	EFEC FEC	15454-10EX-L1-C=
	TXP_MR_10E	Ycable Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-10E-L1-C= (C band) 15454-10E-L1-L= (L band)
	10GE_XP	Ycable Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-10GE-XP = (Unprot) 15454-10GE-XP = (Prot)
	10GE_XPE	Ycable Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-10GE-XPE=
MXP	200G-CK-LC + MR-MXP + 10X10G-LC	PSM-OCH Client 1+1 (10X10G-LC) Y Cable	SD-FEC (20%)	NCS2K-200G-CK-C= + NCS2K-MR-MXP-LIC= + 15454-M-10X10G-LC=
	200G-CK-LC + MR-MXP + MR-MXP	PSM-OCH	SD-FEC (20%)	NCS2K-200G-CK-C= + NCS2K-MR-MXP-LIC= + NCS2K-MR-MXP-LIC=
	200G-CK-LC + 10X10G-LC	Client 1+1 PSM-OCH Y Cable	SD-FEC (20% Prop.) HG-FEC (7%)	NCS2K-200G-CK-C= + 15454-M-10X10G-LC=
	100GS-CK-LC + 10X10G-LC	Client 1+1 PSM-OCH(*)	SD-FEC (20% Prop.) HG-FEC (7%)	15454-M-100GS-CK-LC= + 15454-M-10x10G-LC= (MXP-10x10G)
	100G-CK-LC-C + 10X10G-LC	Client 1+1 PSM-OCH(*) Ycable	HG-FEC (20%) EFEC (7%) FEC	15454-M-100G-CK-LC-C= + 15454-M-10x10G-LC= (MXP-10x10G)
	100G-CK-ME-C + 10X10G-LC	Client 1+1 PSM-OCH(*) Ycable	EFEC (7%) FEC	15454-M-100G-CK-ME-C= + 15454-M-10x10G-LC= (MXP-10x10G)
	100G-LC-C + 10X10G-LC	Client 1+1 PSM-OCH(*) Ycable	HG-FEC (20%) EFEC (7%) FEC	15454-M-100G-LC-C= + 15454-M-10x10G-LC= (MXP-10x10G)
	100G-ME-C + 10X10G-LC	Client 1+1 PSM-OCH(*) Ycable	EFEC (7%) FEC	15454-M-100G-ME-C= + 15454-M-10x10G-LC= (MXP-10x10G)
	40G CP-DQPSK MXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-CP-DQPSK-MXP-C=
	40G CP-DQPSK ME MXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-CP-DQPSK-ME-MXP-C=
40G DQPSK MXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-MXP-C=	
LC	4-10GE-ITU	Client 1+1 PSM-OCH	EFEC FEC NOFEC	4-10GE-ITU/C=
	10GE-ITU	Client 1+1 PSM-OCH	EFEC FEC NOFEC	10GE-ITU/C=
PL	DWDM XENPAK	Client 1+1 PSM-OCH	NOFEC	DWDM-XENPAK-xx.yy=
	DWDM XFP on Cat.	Client 1+1 PSM-OCH	EFEC FEC NOFEC	DWDM-XFP-xx.yy=
	DWDM X2	Client 1+1 PSM-OCH	NOFEC	DWDM-X2-xx.yy=
	ONS-XC-10G_C	NA	EFEC FEC NOFEC	ONS-XC-10G-C=
	ONS-XC-10G-Epxx.x	NA	EFEC FEC NOFEC	ONS-XC-10G-Epxx.x=

(*) PSM-OCH is supported in stand alone mode

Service: 10GE WAN PHY	Bit Rate: 9.953 Gb/s
------------------------------	-----------------------------

Interface Type	Card Type	Protection	Trunk Mode	Product ID
TXP	OTU2_XP	Ycable Client 1+1 PSM-OCH FiberSW	EFEC FEC NOFEC	15454-OTU2-XP=
	WSE	Client 1+1 PSM-OCH [Ycable]	EFEC FEC NOFEC	15454-M-WSE-K9
	TXP_MR_10E_y	Ycable Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-10E-L1-L= (L band)
	TXP_MR_10EX_C	Ycable Client 1+1 PSM-OCH	EFEC FEC	15454-10EX-L1-C=
	TXP_MR_10E	Ycable Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-10E-L1-C= (C band) 15454-10E-L1-L= (L band)
MXP	40G CP-DQPSK MXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-CP-DQPSK-MXP-C=
	40G CP-DQPSK ME MXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-CP-DQPSK-ME-MXP-C=
	40G DQPSK MXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-MXP-C=

(*) PSM-OCH is supported in stand alone mode

Service: 10GE LANtoWAN	Source 10.3 Gb/s Dest. 9.953 Gb/s
-------------------------------	----------------------------------------------------

Interface Type	Card Type	Protection	Trunk Mode	Product ID
TXP	OTU2_XP	Client 1+1 PSM-OCH FiberSW	EFEC FEC NOFEC	15454-OTU2- XP=
MXP	40G CP-DQPSK MXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-CP- DQPSK-MXP- C=
	40G CP-DQPSK ME MXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-CP- DQPSK-ME- MXP-C=
	40G DQPSK MXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G- MXP-C=

Service: GE	1.25 Gb/s
-------------	-----------

Interface Type	Card Type	Protection	Trunk Mode	Product ID
MXP	AR-MXP	Ycable Client 1+1 PSM-OCH	EFEC FEC NOFEC	AR-MXP - MXP-MR (HR)
	AR-XP	Ycable Client 1+1 FiberSW (*) PSM-OCH	EFEC FEC NOFEC	AR-XP - MXP-DME (HR) AR-XP - MXPP-DME (HR)
	MXP_MR_10DMEX_C	Ycable Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-10DMEX-C=
	MXP_MR_10DME	Ycable Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-10DME-C= (C band) 15454-10DME-L= (L band)
TXP	AR-MXP	Ycable Client 1+1 FiberSW (*) PSM-OCH	FEC NOFEC	AR-MXP - MXP-MR (HR)
	AR-XP	Ycable Client 1+1 Fiber SW (*) PSM-OCH	FEC NOFEC	AR-XP - TXP-MR (LR) AR-XP - TXPP-MR (LR)
	TXP_MR_2.5G TXPP_MR_2.5G	Ycable Client 1+1 FiberSW	FEC NOFEC	15454-MR-L1-xx.y= (Unprot) 15454-MRP-L1-xx.y= (Prot)
MXP	GE_XP	Ycable Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-GE-XP = (Unprot) 15454-GE-XP = (Prot)
	GE_XPE	Ycable Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-GE-XPE=
	ADM_10G	Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-ADM-10G=
PL	DWDM GBIC	Client 1+1	NOFEC	15454-GBIC-xx.y=
	DWDM ITU-T SFP	Client 1+1 PSM-OCH	NOFEC	ONS-SC-4G=

Service: FE (Fast Ethernet) Bit Rate:10/100 Mb/s

Interface Type	Card Type	Protection	Trunk Mode	Product ID
MXP	AR-MXP	Ycable Client 1+1 FiberSW (*) PSM-OCH	EFEC FEC NOFEC	AR-MXP - MXP-MR (HR)
			FEC NOFEC	AR-MXP - MXP-MR (LR) AR-MXP - MXPP-MR (LR)
	AR-XP	Ycable Client 1+1 FiberSW (*) PSM-OCH	EFEC FEC NOFEC	AR-XP - MXP-DME (HR) AR-XP - MXPP-DME (HR)
			FEC NOFEC	AR-XP - MXP-MR (LR) AR-XP - MXPP-MR (LR)
TXP	AR-MXP	Ycable Client 1+1 FiberSW (*) PSM-OCH	FEC NOFEC	AR-MXP - MXP-MR (HR)
	AR-XP	Ycable Client 1+1 FiberSW (*) PSM-OCH	FEC NOFEC	AR-XP - TXP-MR (LR) AR-XP - TXPP-MR (LR)
	TXP_MR_2.5G TXPP_MR_2.5G	Ycable Client 1+1 FiberSW	2R	15454-MR-L1-xx.y= (Unprot) 15454-MRP-L1-xx.y= (Prot)
MXP	GE_XP	Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-GE-XP = (Unprot) 15454-GE-XP = (Prot)
	GE_XPE	Ycable (*) Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-GE-XPE=

(*) Ycable protection is available only with Client Interfaces 100Base-LX and 100Base-LX

Service: 10G-FC/Ficon	10.5 Gb/s
-----------------------	-----------

Interface Type	Card Type	Protection	Trunk Mode	Product ID
TXP	10x10G-LC	Client 1+1 PSM-OCH Ycable	EFEC FEC NOFEC(#)	15454-M-10X10G-LC= (RGN-10G)
	OTU2_XP	Ycable Client 1+1 PSM-OCH FiberSW	EFEC FEC NOFEC	15454-OTU2-XP=
	WSE	Client 1+1 PSM-OCH Ycable	EFEC FEC NOFEC(#)	15454-M-WSE-K9
	TXP_MR_10E_y	Ycable Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-10E-L1-L= (L band)
	TXP_MR_10EX_C	Ycable Client 1+1 PSM-OCH	EFEC FEC	15454-10EX-L1-C=
	TXP_MR_10E	Ycable Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-10E-L1-C= (C band) 15454-10E-L1-L= (L band)
MXP	100G-CK-LC-C + 10X10G-LC	Client 1+1 PSM-OCH(*) [Ycable]	HG-FEC (20%) EFEC (7%) FEC	15454-M-100G-CK-LC-C= + 15454-M-10x10G-LC= (MXP-10x10G)
	100G-CK-ME-C + 10X10G-LC	Client 1+1 PSM-OCH(*) [Ycable]	EFEC (7%) FEC	15454-M-100G-CK-ME-C= + 15454-M-10x10G-LC= (MXP-10x10G)
	100G-LC-C + 10X10G-LC	Client 1+1 PSM-OCH(*) [Ycable]	HG-FEC (20%) EFEC (7%) FEC	15454-M-100G-LC-C= + 15454-M-10x10G-LC= (MXP-10x10G)
	100G-ME-C + 10X10G-LC	Client 1+1 PSM-OCH(*) [Ycable]	EFEC (7%) FEC	15454-M-100G-ME-C= + 15454-M-10x10G-LC= (MXP-10x10G)
	40G CP-DQPSK MXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-CP-DQPSK-MXP-C
	40G CP-DQPSK ME MXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-CP-DQPSK-ME-MX
	40G DQPSK MXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-MXP-C=

(*) PSM-OCH is supported in stand alone mode

Service: 8G-FC/Ficon **Bit Rate: 8.5 Gb/s**

Interface Type	Card Type	Protection	Trunk Mode	Product ID
TXP	10x10G-LC	Client 1+1 PSM-OCH Ycable	EFEC FEC NOFEC	15454-M-10X10G-LC= (RGN-10G)
	AR-MXP	Client 1+1 Ycable PSM-OCH	EFEC FEC NOFEC	AR-MXP - MXP-MR (HR)
	AR-XP	Client 1+1 Ycable PSM-OCH	EFEC FEC NOFEC	AR-XP - TXP-MR (HR)
	WSE	Client 1+1 PSM-OCH Ycable	EFEC FEC NOFEC	15454-M-WSE-K9
MXP	100G-CK-LC-C + 10X10G-LC	Client 1+1 PSM-OCH(*) [Ycable]	HG-FEC (20%) EFEC (7%) FEC	15454-M-100G-CK-LC-C= + 15454-M-10x10G-LC= (MXP-10x10G)
	100G-CK-ME-C + 10X10G-LC	Client 1+1 PSM-OCH(*) [Ycable]	EFEC (7%) FEC	15454-M-100G-CK-ME-C= + 15454-M-10x10G-LC= (MXP-10x10G)
	100G-LC-C + 10X10G-LC	Client 1+1 PSM-OCH(*) [Ycable]	HG-FEC (20%) EFEC (7%) FEC	15454-M-100G-LC-C= + 15454-M-10x10G-LC= (MXP-10x10G)
	100G-ME-C + 10X10G-LC	Client 1+1 PSM-OCH(*) [Ycable]	EFEC (7%) FEC	15454-M-100G-ME-C= + 15454-M-10x10G-LC= (MXP-10x10G)
	40G PM-QPSK ME MXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-PM-QPSK-ME-MXP-C=
	40G PM-QPSK MXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-PM-QPSK-MXP-C=
	40G DQPSK MXP	Client 1+1 Ycable PSM-OCH	EFEC FEC	15454-40G-DQPSK-MXP-C=

(*) PSM-OCH is supported in stand alone mode

Service: 4G-FC/Ficon Bit Rate:4.25 Gb/s

Interface Type	Card Type	Protection	Trunk Mode	Product ID
MXP	AR-MXP	Ycable Client 1+1 PSM-OCH	EFEC FEC NOFEC	AR-MXP - MXP-MR (HR)
	AR-XP	Ycable Client 1+1 FiberSW (*) PSM-OCH	EFEC FEC NOFEC	AR-XP - MXP-DME (HR) AR-XP - MXPP-DME (HR)
	MXP_MR_10DMEX_C	Ycable Client 1+1 PSM-OCH	EFEC FEC	15454-10DMEX-C=
	MXP_MR_10DME	Ycable Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-10DME-C= (C band) 15454-10DME-L= (L band)
TXP	AR-MXP	Ycable Client 1+1 FiberSW (*) PSM-OCH	NOFEC	AR-MXP - MXP-MR (HR)
	AR-XP	Ycable Client 1+1 FiberSW (*) PSM-OCH	NOFEC	AR-XP - TXP-MR (LR) AR-XP - TXPP-MR (LR)
PL	DWDM ITU-T SFP	Client 1+1 PSM-OCH	NOFEC	ONS-SC-4G=

Service: 2G-FC/Ficon		Bit Rate:2.125 Gb/s		
Interface Type	Card Type	Protection	Trunk Mode	Product ID
MXP	AR-MXP	Ycable Client 1+1 PSM-OCH	EFEC FEC NOFEC	AR-MXP - MXP-MR (HR)
	AR-XP	Ycable Client 1+1 FiberSW (*) PSM-OCH	EFEC FEC NOFEC	AR-XP - MXP-DME (HR) AR-XP - MXPP-DME (HR)
MXP	MXP_MR_10DMEX_C	Ycable Client 1+1 PSM-OCH	EFEC FEC	15454-10DMEX-C=
MXP	MXP_MR_10DME	Ycable Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-10DME-C= (C band) 15454-10DME-L= (L band)
TXP	AR-MXP	Ycable Client 1+1 FiberSW (*) PSM-OCH	FEC NOFEC	AR-MXP - MXP-MR (HR)
	AR-XP	Ycable Client 1+1 FiberSW (*) PSM-OCH	FEC NOFEC	AR-XP - TXP-MR (LR) AR-XP - TXPP-MR (LR)
	TXP_MR_2.5G TXPP_MR_2.5G	Ycable Client 1+1 FiberSW	FEC NOFEC	15454-MR-L1-xx.y= (Unprot) 15454-MRP-L1-xx.y= (Prot)
PL	DWDM ITU-T SFP	Client 1+1 PSM-OCH	NOFEC	ONS-SC-4G=

Service: 1G-FC/Ficon **Bit Rate:**1.062 Gb/s

Interface Type	Card Type	Protection	Trunk Mode	Product ID
MXP	AR-MXP	Ycable Client 1+1 PSM-OCH	EFEC FEC NOFEC	AR-MXP - MXP-MR (HR)
	AR-XP	Ycable Client 1+1 FiberSW (*) PSM-OCH	EFEC FEC NOFEC	AR-XP - MXP-DME (HR) AR-XP - MXPP-DME (HR)
	MXP_MR_10DMEX_C	Ycable Client 1+1 PSM-OCH	EFEC FEC	15454-10DMEX-C=
	MXP_MR_10DME	Ycable Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-10DME-C= (C band) 15454-10DME-L= (L band)
TXP	AR-MXP	Ycable Client 1+1 FiberSW (*) PSM-OCH	FEC NOFEC	AR-MXP - TXP-MR (LR) AR-MXP - TXPP-MR (LR)
	AR-XP	Ycable Client 1+1 FiberSW (*) PSM-OCH	FEC NOFEC	AR-XP - TXP-MR (LR) AR-XP - TXPP-MR (LR)
	TXP_MR_2.5G TXPP_MR_2.5G	Ycable Client 1+1 FiberSW	FEC NOFEC	15454-MR-L1-xx.y= (Unprot) 15454-MRP-L1-xx.y= (Prot)
PL	DWDM ITU-T SFP	Client 1+1 PSM-OCH	NOFEC	ONS-SC-4G=

Service: ESCON **Bit Rate:200 Mb/s**

Interface Type	Card Type	Protection	Trunk Mode	Product ID
MXP	AR-MXP	Ycable Client 1+1 FiberSW (*) PSM-OCH	EFEC FEC NOFEC	AR-MXP - MXP-MR (HR)
			FEC NOFEC	AR-MXP - MXP-MR (LR) AR-MXP - MXPP-MR (LR)
	AR-XP	Ycable Client 1+1 FiberSW (*) PSM-OCH	EFEC FEC NOFEC	AR-XP - MXP-MR (HR) AR-XP - MXPP-MR (HR)
			FEC NOFEC	AR-XP - MXP-MR (LR) AR-XP - MXPP-MR (LR)
TXP	AR-MXP	Ycable Client 1+1 FiberSW (*) PSM-OCH	FEC NOFEC	AR-MXP - TXP-MR (LR) AR-MXP - TXPP-MR (LR)
	AR-XP	Ycable Client 1+1 FiberSW (*) PSM-OCH	FEC NOFEC	AR-XP - TXP-MR (LR) AR-XP - TXPP-MR (LR)
	TXP_MR_2.5G TXPP_MR_2.5G	Ycable Client 1+1 FiberSW	2R	15454-MR-L1-xx.y= (Unprot) 15454-MRP-L1-xx.y= (Prot)

Service: ISC-Compat **Bit Rate: 1.062 Gb/s**

Interface Type	Card Type	Protection	Trunk Mode	Product ID
MXP	MXP_MR_10DMEX_C	Client 1+1 PSM-OCH	EFEC FEC	
MXP	MXP_MR_10DME	Client 1+1 PSM-OCH	EFEC FEC NOFE C	15454-10DME-C= (C band) 15454-10DME-L= (L band)
TXP	TXP_MR_2.5G TXPP_MR_2.5G	Client 1+1 FiberSW	NOFE C	15454-MR-L1-xx.y= (Unprot) 15454-MRP-L1-xx.y= (Prot)

Service: ISC-3 Peer-1G **Bit Rate: 1.062 Gb/s**

Interface Type	Card Type	Protection	Trunk Mode	Product ID
MXP	MXP_MR_10DMEX_C	Client 1+1 PSM-OCH	EFEC FEC	15454-10DMEX-C=
MXP	MXP_MR_10DME	Client 1+1 PSM-OCH	EFEC FEC NOFE C	15454-10DME-C= (C band) 15454-10DME-L= (L band)

Service: ISC-3 Peer-2G **Bit Rate: 2.125 Gb/s**

Interface Type	Card Type	Protection	Trunk Mode	Product ID
MXP	MXP_MR_10DMEX_C	Client 1+1 PSM-OCH	EFEC FEC	15454-10DMEX-C=
MXP	MXP_MR_10DME	Client 1+1 PSM-OCH	EFEC FEC NOFE C	15454-10DME-C= (C band) 15454-10DME-L= (L band)
TXP	AR-MXP	Ycable Client 1+1 FiberSW (*) PSM-OCH	FEC NOFE C	AR-XP - TXP-MR (LR) AR-XP - TXPP-MR (LR)
	AR-XP	Ycable Client 1+1 FiberSW (*) PSM-OCH	FEC NOFE C	AR-XP - TXP-MR (LR) AR-XP - TXPP-MR (LR)

Service: ISC-Compat 2R

Interface Type	Card Type	Protection	Trunk Mode	Product ID
TXP	TXP_MR_2.5G	Client 1+1	2R	15454-MR-L1-xx.y= (Unprot) 15454-MRP-L1-xx.y= (Prot)

Service: Sysplex ETR **Bit Rate: 8 Mb/s**

Interface Type	Card Type	Protection	Trunk Mode	Product ID
TXP	TXP_MR_2.5G	Client 1+1	2R	15454-MR-L1-xx.y= (Unprot) 15454-MRP-L1-xx.y= (Prot)

Service: Sysplex CLO **Bit Rate: 8 Mb/s**

Interface Type	Card Type	Protection	Trunk Mode	Product ID
TXP	TXP_MR_2.5G	Client 1+1	2R	15454-MR-L1-xx.y= (Unprot) 15454-MRP-L1-xx.y= (Prot)

Service: SDI **Bit Rate: variable**

Interface Type	Card Type	Protection	Trunk Mode	Product ID
TXP	TXP_MR_2.5G TXPP_MR_2.5G	Client 1+1 FiberSW	2R	15454-MR-L1-xx.y= (Unprot) 15454-MRP-L1-xx.y= (Prot)

Service: DVB-ASI

Interface Type	Card Type	Protection	Trunk Mode	Product ID
TXP	TXP_MR_2.5G TXPP_MR_2.5G	Client 1+1 FiberSW	2R	15454-MR-L1-xx.y= (Unprot) 15454-MRP-L1-xx.y= (Prot)

Service: D1-Video **Bit Rate: 270 Mb/s**

Interface Type	Card Type	Protection	Trunk Mode	Product ID
TXP	TXP_MR_2.5G TXPP_MR_2.5G	Client 1+1 FiberSW	2R	15454-MR-L1-xx.y= (Unprot) 15454-MRP-L1-xx.y= (Prot)

Service: HDTV **Bit Rate: 1.48 Gb/s**

Interface Type	Card Type	Protection	Trunk Mode	Product ID
TXP	TXP_MR_2.5G TXPP_MR_2.5G	Client 1+1 FiberSW	2R	15454-MR-L1-xx.y= (Unprot) 15454-MRP-L1-xx.y= (Prot)

Service: DV-6000 **Bit Rate: 2.38 Gb/s**

Interface Type	Card Type	Protection	Trunk Mode	Product ID
TXP	TXP_MR_2.5G TXPP_MR_2.5G	Client 1+1 FiberSW	2R	15454-MR-L1-xx.y= (Unprot) 15454-MRP-L1-xx.y= (Prot)

Service: 2R Anyrate **Bit Rate: variable**

Interface Type	Card Type	Protection	Trunk Mode	Product ID
TXP	TXP_MR_2.5G TXPP_MR_2.5G	Client 1+1 FiberSW	2R	15454-MR-L1-xx.y= (Unprot) 15454-MRP-L1-xx.y= (Prot)

Service: SD-SDI | **Bit Rate:270 Mbit**

Interface Type	Card Type	Protection	Trunk Mode	Product ID
MXP	AR-MXP	Client 1+1 PSM-OCH	EFEC FEC NOFEC	AR-MXP - MXP-MR (HR)
	AR-XP	Client 1+1 FiberSW (*) PSM-OCH	EFEC FEC NOFEC	AR-XP - MXP-MR (HR) AR-XP - MXPP-MR (HR)

Service: HD-SDI | **Bit Rate:1.485 Gbit**

Interface Type	Card Type	Protection	Trunk Mode	Product ID
MXP	AR-MXP	Client 1+1 PSM-OCH	EFEC FEC NOFEC	AR-MXP - MXP-MR (HR)
	AR-XP	Client 1+1 FiberSW (*) PSM-OCH	EFEC FEC NOFEC	AR-XP - MXP-MR (HR) AR-XP - MXPP-MR (HR)

Service: HD-3G Video | **Bit Rate:2.970 Gbit**

Interface Type	Card Type	Protection	Trunk Mode	Product ID
MXP	AR-XP	Client 1+1 PSM-OCH	EFEC FEC NOFEC	AR-XP - MXP-MR (HR) AR-XP - MXPP-MR (HR)

Service: ISC-3 Peer 1G w/S Bitrate: 1.062 Gb/s

Interface Type	Card Type	Protection	Trunk Mode	Product ID
TXP	TXP_MR_2.5G	Client 1+1 PSM-OCH	NOFEC	15454-MR-L1-xx.y= (Unprot) 15454-MRP-L1- xx.y= (Prot)

Service: ISC-3 Peer 2G w/S Bitrate: 2.125 Gb/s

Interface Type	Card Type	Protection	Trunk Mode	Product ID
TXP	TXP_MR_2.5G	Client 1+1 PSM-OCH	NOFEC	15454-MR-L1-xx.y= (Unprot) 15454-MRP-L1- xx.y= (Prot)

Service: FE over DS1/E1 **Bit Rate: 1.5 / 2 Mb/s**

Interface Type	Card Type	Protection	Trunk Mode	Product ID
MXP	GE_XPE	Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-GE-XPE=

Service: FE over DS3/E3 **Bit Rate: 44.7 / 34.4 Mb/s**

Interface Type	Card Type	Protection	Trunk Mode	Product ID
MXP	GE_XPE	Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-GE-XPE=

Service: E1 over FE **Bit Rate: 100 Mb/s**

Interface Type	Card Type	Protection	Trunk Mode	Product ID
MXP	GE_XPE	Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-GE-XPE=

Service: E3/T3/DS3 over FE **Bit Rate: 100 Mb/s**

Interface Type	Card Type	Protection	Trunk Mode	Product ID
MXP	GE_XPE	Client 1+1 PSM-OCH	EFEC FEC NOFEC	15454-GE-XPE=

Service:	5G-InfiniBand	Bitrate: 5 Gb/s
-----------------	----------------------	------------------------

Interface Type	Card Type	Protection	Trunk Mode	Product ID
TXP	TXP_MR_10EX_C	Client 1+1 PSM-OCH	FEC	15454-10EX-L1-C=
TXP	OTU2_XP	Client 1+1 PSM-OCH	FEC	15454-OTU2-XP=
TXP	10x10G-LC	Client 1+1 PSM-OCH	FEC	15454-M-10X10G-LC= (RGN-10G)

Cisco Trademark

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: www.cisco.com/go/trademarks. Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company.
(1110R)

Cisco Copyright

© 2006-2015 Cisco Systems, Inc. All rights reserved.