

## BPON Products

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BPON Solutions	Tx	Rx	Wavelength (nm)			Tx Rate (Mb/s)	Rx Rate (Mb/s)	Tx Power (dBm)		Rx Sens (dBm)	Video Output (dBmV)	Form Factor	Link Budget	Application
			TX	RX	Video			Max.	Max.	Min.				
											Min.			
ITR-B1F-XXX	FP	PIN	1310	1490	1550	155	622	0	4	-28	16	2" x 2"	ClassB	BPON Triplexer
ITD-B1F-XXX	FP	PIN	1310	1490	N/A	155	622	0	4	-28	N/A	2" x 2"	ClassB	BPON Diplexer
ITC-B1F-XXX	FP	PIN	1310	1490	1550	155	622	0	4	-28	32	2" x 2"	ClassB	BPON MDU

TX power range can be either 0 to 4 or -2 to 2 dBm

## GPON ONU Products

GPON Solutions	Tx	Rx	Wavelength (nm)			Tx Rate (Mb/s)	Rx Rate (Mb/s)	Tx Power (dBm)		Rx Sens (dBm)	Video Output (dBmV)	Form Factor	Link Budget	Note
			TX	RX	Video			Max.	Max.	Min.				
											Min.			
ITR-D3T-XXX	DFB	APD	1310	1490	1550	1244	2488	0.5	5.0	-28	18	2" x 2"	Class B+	ER > 10 dB
ITD-D3T-XXX	DFB	APD	1310	1490	N/A	1244	2488	0.5	5.0	-28	N/A	2" x 2"	Class B+	ER > 10 dB
ITC-D3T-XXX	DFB	APD	1310	1490	1550	1244	2488	0.5	5.0	-28	32	2" x 2"	Class B+	ER > 10 dB
SFA-34-24T-HP-XDX	DFB	APD	1310	1490	N/A	1244	2488	0.5	5.0	-28	N/A	SFF, 2x10	Class B+	ER > 10 dB
SFA-34-24T-HP-XNX	DFB	APD	1310	1490	N/A	1244	2488	0.5	5.0	-28	N/A	SFF, 2x5	Class B+	ER > 10 dB
SFA-XX-23T-HP-CDE	CWDM	APD	1310	1490	N/A	1244	2488	0.5	5.0	-28	N/A	SFF, 2x10	Class C+	ER > 10 dB
SFA-34-24T-FP-XDX	FP	PIN	1310	1490	N/A	1244	2488	0.5	5.0	-28	N/A	SFF, 2x10	Class A	ER > 10 dB
SFA-34-24T-FP-XNX	FP	PIN	1310	1490	N/A	1244	2488	0.5	5.0	-28	N/A	SFF, 2x5	Class A	ER > 10 dB
SFU-34-24T-HP-XDX	DFB	APD	1310	1490	N/A	1244	2488	0.5	5.0	-28	N/A	SFF, 2x10	Class B+	ER > 10 dB
SFU-34-24T-HP-XNX	DFB	APD	1310	1490	N/A	1244	2488	0.5	5.0	-28	N/A	SFF, 2x5	Class B+	ER > 10 dB
SFS-34-24T-HP-XDX	DFB	APD	1310	1490	N/A	1244	2488	0.5	5.1	-28	N/A	SFF, SC Receptacle, 2x10	Class B+	ER > 10 dB
FTM-9423X-KGH(i)G	DFB	APD	1310	1490	N/A	1244	2488	0.5	5.0	-28	N/A	SFF, 2x10	Class B+	ER > 16 dB
FTM-9423X-FGH(i)G	DFB	APD	1310	1490	N/A	1244	2488	0.5	5.0	-28	N/A	SFF, 2x5	Class B+	ER > 16 dB
FTM-9823T-CGH(i)G	DFB	APD	1310	1490	1550	1244	2488	0.5	5.0	-28	18	2" x 2"	Class B+	ER > 16 dB

All Diplexers are ITU-T G.984.5 Compliant  
Please inquire about Class C products

## GPON OLT Products

GPON OLT Solutions	Tx	Rx	Wavelength (nm)		Tx Rate (Mb/s)	Rx Rate (Mb/s)	Tx Power (dBm)		Rx Sens (dBm)	Temp. (°C)	Form Factor	Link Budget (dB)	Burst Rx Architecture
			Tx	Rx			Max.	Max.	Min.				
SFU-43-48H-HP-CDE	DFB	APD	1490	1310	2488	1244	1.5	5.0	-28	-5 to 70	SFF, 2x10	20km	GPON OLT B+
SFU-43-48H-HP-RDE	DFB	APD	1490	1310	2488	1244	1.5	5.0	-28	-20 to 85	SFF, 2x10	20km	GPON OLT B+
SFU-43-48H-HP-TDE	DFB	APD	1490	1310	2488	1244	1.5	5.0	-28	-40 to 85	SFF, 2x10	20km	GPON OLT B+
SFU-43-48H-CP-CDF	DFB	APD	1490	1310	2488	1244	3.0	7.0	-30	-5 to 70	SFF, 2x10	20km	GPON OLT C+
SPS-43-48H-HP-CDE-SD	DFB	APD	1490	1310	2488	1244	1.5	5.0	-28	-5 to 70	SFP	20km	GPON OLT B+
FTM-9723P-KGHG	DFB	APD	1490	1310	2488	1244	1.5	5.0	-28	-5 to 70	SFF, 2x10	28km	Resetless
FTM-9723P-KGHIG	DFB	APD	1490	1310	2488	1244	1.5	5.0	-28	-40 to 85	SFF, 2x10	28km	Resetless
SPS-43-48H-HP-CDE	DFB	APD	1490	1310	2488	1244	1.5	5.0	-28	-5 to 70	SFP	28km	Reset
SPS-43-48H-HP-RDE	DFB	APD	1490	1310	2488	1244	1.5	5.0	-28	-20 to 85	SFP	20km	GPON OLT B+
SPS-43-48H-HP-TDE	DFB	APD	1490	1310	2488	1244	1.5	5.0	-28	-40 to 85	SFP	20km	GPON OLT B+
SPS-43-48H-CP-CDF-SD	DFB	APD	1490	1310	2488	1244	3.0	7.0	-30	-5 to 70	SFP	20km	GPON OLT C+
FTM-9723P-SGHG	DFB	APD	1490	1310	2488	1244	1.5	5.0	-28	-5 to 70	SFP	28km	Resetless
FTM-9723P-SGHIG	DFB	APD	1490	1310	2488	1244	1.5	5.0	-28	-40 to 85	SFP	28km	Resetless
SPW-XX-48H-CP-CDXA	CWDM	APD	1490	1310	2488	1244	3.0	7.0	-30	-5 to 70	SFP	20km	CWDM GPON OLT

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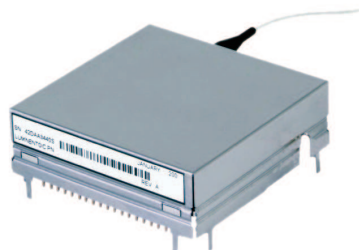
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## GEPON ONU Products

GEPON ONU Solutions	Tx	Rx	Wavelength (nm)			Tx Rate (Mb/s)	Rx Rate (Mb/s)	Tx Power (dBm)		Rx Sens (dBm)	Video Output (dBmV)	Form Factor	Link Budget (dB)	Application
			TX	RX	Video			Min.	Max.	Min.				
SFS-34-GB-P2-CDFA	FP	PIN	1310	1490	N/A	1250	1250	0	4	-26	-	SFF 2x10	20km	GEPON Diplexer
SFU-34-GB-P2-CDFA	FP	PIN	1310	1490	N/A	1250	1250	0	4	-26.5	-	SFF 2x10	20km	GEPON Diplexer
SPS-34-GB-P2-EDFM	FP	PIN	1310	1490	N/A	1250	1250	-1	4	-26	-	SFP	20km	GEPON Diplexer
SPPS-37-GBO-X3-CDFA	DFB	APD	1310	1577	N/A	1250	103125	0	4	-24	-	SFP+	20km	10G EPON
SPPS-27-XE-R3-CDFA	DFB	APD	1270	1577	N/A	103125	103125	4	+9	-24	-	SFP+	20km	10G EPON

## GEPON OLT Products

GEPON OLT Solutions	Tx	Rx	Wavelength (nm)		Tx Rate (Mb/s)	Rx Rate (Mb/s)	Tx Power (dBm)		Rx Sens (dBm)	Video Output (dBmV)	Form Factor	Link Budget (dB)	Application
			Tx	Rx			Min.	Max.	Min.				
XPP-XE-X3-CDA	EML	APD	1577	1310	103125	1250	2	5	-30	0 to 70	XFP	20km	10GEPON
SPS-43-GB-P2-CDFB	DFB	APD	1490	1310	1250	1250	2	7	-30	0 to 70	SFP	20km	GEPON OLT
SPS-43-GB-P2-CDFC	DFB	APD	1490	1310	1250	1250	2	7	-30	0 to 70	SFP	20km	GEPON OLT



ITR



SFF GEPON ONU



SFF GPON OLT

Source Photonics is a leading provider of fiber optic components used in telecommunication systems and data communication networks. Source designs, manufactures, and sells a broad portfolio of optical communication products, including passive optical network, or PON, subsystems, optical transceivers used in the enterprise, access, and metropolitan segments of the market, as well as other optical components, modules, and subsystems. In particular, Source products include optical subsystems used in fiber-to-the-premise, or FTTP, deployments which many telecommunication service providers are using to deliver video, voice, and data services.

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