

BPON Products

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			Min.	Max.		Min.	Max.			
ITR-B1F-XXX	FP	PIN	1310	1490	1550	155	622	0	4	-28	16		ITR, 1x20, 2"x2"	Class B	BPON Triplexer
ITD-B1F-XXX	FP	PIN	1310	1490	N/A	155	622	0	4	-28	N/A		ITR, 1x20, 2"x2"	Class B	BPON Diplexer
ITC-B1F-XXX	FP	PIN	1310	1490	1550	155	622	0	4	-28	32		ITR, 1x20, 2"x2"	Class B	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	Application
			TX	RX	Video			Min.	Max.		Min.	Max.			
ITR-D3T-XXX	DFB	APD	1310	1490	1550	1244	2488	0.5	5.0	-28	18		ITR, 1x20, 2"x2"	Class B+	GPON ONU Class B+
ITD-D3T-XXX	DFB	APD	1310	1490	N/A	1244	2488	0.5	5.0	-28	N/A		ITR, 1x20, 2"x2"	Class B+	GPON ONU Class B+
ITC-D3T-XXX	DFB	APD	1310	1490	1550	1244	2488	0.5	5.0	-28	32		ITR, 1x20, 2"x2"	Class B+	GPON ONU Class B+
SFU-34-24T-HP-XDFJ	DFB	APD	1310	1490	N/A	1244	2488	0.5	5.0	-28	N/A		SFF, 2x10, SC/UPC	Class B+	GPON ONU Class B+
SFA-34-24T-HP-XDFJ	DFB	APD	1310	1490	N/A	1244	2488	0.5	5.0	-28	N/A		SFF, 2x10, SC/APC	Class B+	GPON ONU Class B+
SFS-34-24T-HP-XDFB	DFB	APD	1310	1490	N/A	1244	2488	0.5	5.0	-28	N/A		SFF, 2x10, SC Receptacle	Class B+	GPON ONU Class B+
SPS-34-24T-HP-XDFA	DFB	APD	1310	1490	N/A	1244	2488	0.5	5.0	-28	N/A		SFP, SC Receptacle	Class B+	GPON ONU Class B+

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	Application
			TX	RX	Video			Min.	Max.					
SFU-43-48H-HP-CDE	DFB	APD	1490	1310	N/A	2488	1244	1.5	5.0	-28	-5 to 70	SFF, 2x10	Class B+	GPON OLT B+
SFU-43-48H-HP-RDE	DFB	APD	1490	1310	N/A	2488	1244	1.5	5.0	-28	-20 to 85	SFF, 2x10	Class B+	GPON OLT B+
SFU-43-48H-HP-TDE	DFB	APD	1490	1310	N/A	2488	1244	1.5	5.0	-28	-40 to 85	SFF, 2x10	Class B+	GPON OLT B+
SFU-43-48H-CP-CDF	DFB	APD	1490	1310	N/A	2488	1244	3.0	7.0	-30	-5 to 70	SFF, 2x10	Class C+	GPON OLT C+
SPS-43-48H-HP-CDE-SD	DFB	APD	1490	1310	N/A	2488	1244	1.5	5.0	-28	-5 to 70	SFP, SC Receptacle	Class B+	GPON OLT B+
SPS-43-48H-HP-CDFM	DFB	APD	1490	1310	N/A	2488	1244	1.5	5.0	-28	-5 to 70	SFP, SC Receptacle	Class B+	GPON OLT B+
SPS-43-48H-HP-RDE	DFB	APD	1490	1310	N/A	2488	1244	1.5	5.0	-28	-20 to 85	SFP, SC Receptacle	Class B+	GPON OLT B+
SPS-43-48H-HP-TDE	DFB	APD	1490	1310	N/A	2488	1244	1.5	5.0	-28	-40 to 85	SFP, SC Receptacle	Class B+	GPON OLT B+
SPS-43-48H-CP-CDF-SD	DFB	APD	1490	1310	N/A	2488	1244	3.0	7.0	-30	-5 to 70	SFP, SC Receptacle	Class C+	GPON OLT C+
SPS-43-48H-CP-RDF	DFB	APD	1490	1310	N/A	2488	1244	3.0	7.0	-30	-20 to 85	SFP, SC Receptacle	Class C+	GPON OLT C+
SPW-XX-48H-CP-CDXA	DFB	APD	CWDM	1310	N/A	2488	1244	3.0	7.0	-30	-5 to 70	SFP, dual LC receptacle	Class C+	CWDM GPON OLT

GEPON ONU Products

GEPON ONU 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	Application
			TX	RX	Video			Min.	Max.					
SFS-34-GB-P2-CDFA	FP	PIN	1310	1490	N/A	1250	1250	0	4	-26	0 to 70	SFF 2x10	20km	GEPON Diplexer
SFU-34-GB-P2-CDFA	FP	PIN	1310	1490	N/A	1250	1250	0	4	-26.5	0 to 70	SFF 2x10	20km	GEPON Diplexer
SPS-34-GB-P2-CDFA	FP	PIN	1310	1490	N/A	1250	1250	0	4	-26.5	0 to 70	SFP	20km	GEPON Diplexer
SPS-34-GB-P2-EDFM-SD	FP	PIN	1310	1490	N/A	1250	1250	-1	4	-26	-30 to 75	SFP	20km	GEPON ONU with MAC
SPS-34-GB-P2-EDFN	FP	PIN	1310	1490	N/A	1250	1250	0	4	-26	-30 to 75	SFP	20km	GEPON ONU with MAC supporting DPoE
ITR-E6-SD	FP	PIN	1310	1490	1550	1250	1250	0	4	-25	0 to 70	ITR, 1x20	20km	GEPON Triplexer

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GEPON OLT Products

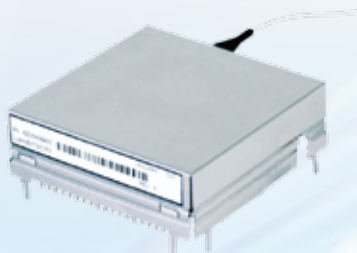
GEPON OLT Solutions	Tx	Rx	Wavelength (nm)			Tx Rate (Mb/s)	Rx Rate (Mb/s)	Tx Power (dBm)		Rx Sens (dBm)	Temp. (°C)	Form Factor	Link Budget	Application
			TX	RX	Video			Min.	Max.					
SPS-43-GB-P2-CDFB	DFB	APD	1490	1310	N/A	1250	1250	2.5	7	-30	0 to 70	SFP	20km	GEPON OLT
SPS-43-GB-P2-CDFC	DFB	APD	1490	1310	N/A	1250	1250	2.5	7	-30	0 to 70	SFP	20km	GEPON OLT
SPLC-43-GB-P2-CDFC	DFB	APD	1490	1310	N/A	1250	1250	2.5	7	-30	0 to 70	CSFP	20km	GEPON OLT
SPS-43-GB-P2-CDFM	DFB	APD	1490	1310	N/A	1250	1250	2.5	7	-30	0 to 70	SFP	20km	OTDR Built in GEPON OLT
SPS-43-GB-P2-IDFC	DFB	APD	1490	1310	N/A	1250	1250	2.5	7	-30	-40 to 85	SFP	20km	GEPON OLT
SPS-43-GB-P3-CDFC	DFB	APD	1490	1310	N/A	1250	1250	4.5	7	-32	0 to 70	SFP	30km	GEPON OLT

XGPON Products

XG-PON 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	Application
			TX	RX	Video			Min.	Max.					
XPP-XG-N1-CDFA	EML	APD	1577	1270	N/A	9953	2488	3	8	-27.5	-5 to 70	XFP	20km	XGPON
XPP-XG-N2-CDFA	EML	APD	1577	1270	N/A	9953	2488	4	8	-29.5	-5 to 70	XFP	20km	XGPON
SPPS-27-48F-N2-IDFA	DFB	APD	1270	1577	N/A	2488	9953	2	7	-28	-40 to 85	SFP+	20km	XGPON
SPPS-27-48F-N2-CDFA	DFB	APD	1270	1577	N/A	2488	9953	2	7	-28	-5 to 70	SFP+	20km	XGPON

10G EPON Products

10G EPON 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	Application
			TX	RX	Video			Min.	Max.					
XPP-XE-X3-CDFB	DFB	APD	1490	1310	N/A	1250	1250	3	7	-30	-5 to 70	NA	20km	10G EPON
	EML	APD	1577			10312		2	5	-30				
XPP-XE-R3-CDFB	DFB	APD	1490	1310	N/A	1250	1250	3	7	-30	-5 to 70	XFP	20km	10G EPON
	EML	APD	1577	1270		10312	10312	2	5	-28				
SPPS-37-GBO-X3-CDFA	DFB	APD	1310	1577	N/A	1250	10312	0.62	5.62	-28	-5 to 70	SFP+	20km	10G EPON
SPPS-37-GBO-X3-IDFA	DFB	APD	1310	1577	N/A	1250	10312	0.62	5.62	-28	-40 to 85	SFP+	20km	10G EPON
SPPS-27-XE-R3-CDFB	DFB	APD	1270	1577	N/A	10312	10312	4	9	-28	-5 to 70	SFP+	20km	10G EPON
SPPS-27-XE-R3-IDFB	DFB	APD	1270	1577	N/A	10312	10312	4	9	-28	-40 to 85	SFP+	20km	10G EPON



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