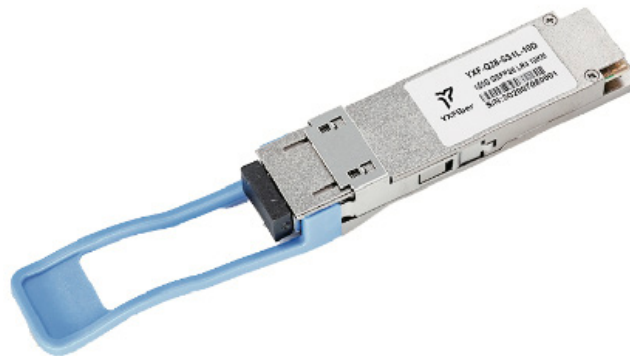


# TRANSCEIVER PRODUCT CATALOGUE



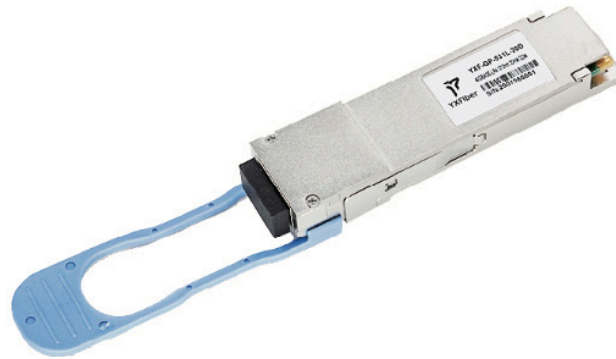
## 100G QSFP28



Package	Part No.	Data Rate	Wavelength	Distance	Source	Output Power (dBm)	Sensitivity (dBm)	Connector	Temp. °C
QSFP28 CWDM4	YXF-Q28-C31L-2D	100 G	1270/1290/1310/1330	2 Km	CWDM DFB/PIN	-6.5 / 2.5	<-11.5	LC	0-70
QSFP28 CWDM4	YXF-Q28-C31L-10D	100 G	1270/1290/1310/1330	10 Km	CWDM DFB/PIN	-6.5 / 2.5	<-13	LC	0-70
QSFP28 PIR4	YXF-Q28-S31M-2D	100 G	1310 nm	2 Km	LWDM DFB/PIN	-9 / 2	<-13	MPO	0-70
QSFP28 PRL4	YXF-Q28-S31M-10D	100 G	1310 nm	10 Km	LWDM DFB/PIN	-6.5 / 2.5	<-13	MPO	0-70
QSFP28 RL4	YXF-Q28-S31L-10D	100 G	1310 nm	10 Km	LWDM DFB/PIN	-4 / 5	<-9.5	LC	0-70
QSFP28 RL4	YXF-Q28-S31L-20D	100 G	1310 nm	20 Km	LWDM DFB/PIN	-1 / 4.5	<-10.5	LC	0-70
QSFP28 ER4	YXF-Q28-S31L-40D	100 G	1310 nm	40 Km	LWDM EML/APD	-1 / 4.5	<-18	LC	0-70
QSFP28 SWDM4	YXF-Q28-M85L-01D	100 G	850 nm	100 m	VCSEL/PIN	-8 / 3	<-10	LC	0-70
QSFP28 SR4	YXF-Q28-M85M-01D	100 G	850 nm	100 m	VCSEL/PIN	-8 / 3	<-10	MPO	0-70

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## 40G QSFP+



Package	Part No.	Data Rate	Wavelength	Distance	Source	Output Power (dBm)	Sensitivity (dBm)	Connector	Temp. °C
QSFP + LR4	YXF-QP-S31L-2D	40 G	1270/1290/1310/1330	2 Km	CWDM DFB/PIN	-7 / 3	<-11.5	LC	0-70
QSFP + LR4	YXF-QP-S31L-10D	40 G	1270/1290/1310/1330	10 Km	CWDM DFB/PIN	-6 / 1	<-14	LC	0-70
QSFP + PLR4	YXF-QP-S3ML-10D	40 G	1270/1290/1310/1330	10 Km	CWDM DFB/PIN	-6 / 1	<-14	MPO	0-70
QSFP + ER4	YXF-QP-S31L-40D	40 G	1270/1290/1310/1330	40 Km	CWDM DFB/APD	-2 / 5	<-21	LC	0-70
QSFP + ZR4	YXF-QP-S31L-60D	40 G	1270/1290/1310/1330	60 Km	CWDM DFB/APD	2 / 5	<-26	LC	0-70
QSFP + ZR4	YXF-QP-S31L-80D	40 G	1310 nm	80 Km	LWDM DFB/APD	3 / 6	<-28	LC	0-70
QSFP + SR4	YXF-QP-M85M-01D	40 G	850 nm	100 m	VCSEL/PIN	-7.5 / 1	<-11	MPO	0-70
QSFP + CSR4	YXF-QP-M85M-03D	40 G	850 nm	300 m	VCSEL/PIN	-6.5 / 2	<-11	MPO	0-70
QSFP + SR-BD	YXF-QP-M85L-01D	40 G	850 nm	100 m	VCSEL/PIN	-4 / 5	<-7	LC	0-70

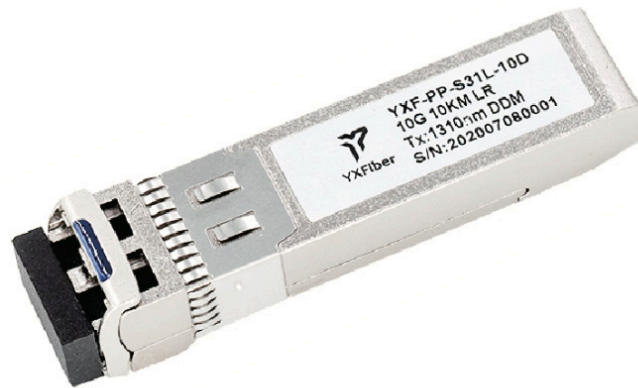
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## 25G SFP28



Package	Part No.	Data Rate	Wavelength	Distance	Source	Output Power (dBm)	Sensitivity (dBm)	Connector	Temp. °C
SFP28 SR	YXF-S28-M85L-01D	25 G	850 nm	100 m	VCSEL/PIN	-8 / 3	<-11	LC	0-70
SFP28 LR	YXF-S28-S31L-10D	25 G	1310 nm	10 Km	DFB/PIN	-7 / 3	<-11.5	LC	0-70
SFP28 ER	YXF-S28-S31L-30D	25 G	1310 nm	30 Km	DFB/APD	-2 / 4	<-19	LC	0-70
SFP28 ER	YXF-S28-S31L-40D	25 G	1310 nm	40 Km	DFB/APD	0 / 6	<-19	LC	0-70
SFP28 BIDI	YXF-S28-CXXM-10D	25 G	1271-1371 nm	10 Km	CWDM DFB/PIN	-1 / 5	<-14	LC	0-70
SFP28 BIDI	YXF-S28-B23L-10D	25 G	Tx1270 nm-Rx1330 nm	10 Km	DFB/PIN	-2 / 4	<-13	LC	0-70
SFP28 BIDI	YXF-S28-B32L-10D	25 G	Tx1330 nm-Rx1270 nm	10 Km	DFB/PIN	-2 / 4	<-13	LC	0-70
SFP28 BIDI	YXF-S28-B23L-40D	25 G	Tx1270 nm-Rx1330 nm	40 Km	DFB/APD	0 / 6	<-19	LC	0-70
SFP28 BIDI	YXF-S28-B32L-40D	25 G	Tx1330 nm-Rx1270 nm	40 Km	DFB/APD	0 / 6	<-19	LC	0-70

## 10G SFP+



Package	Part No.	Data Rate	Wavelength	Distance	Source	Output Power (dBm)	Sensitivity (dBm)	Connector	Temp. °C
SFP+ SR	YXF-PP-M85L-03D	10 G	850 nm	300 m	VCSEL/PIN	-6 / 1	<-11	LC	0-70
SFP+ LR	YXF-PP-S31L-2D	10 G	1310 nm	2 Km	DFB/PIN	-7 / 1	<-12	LC	0-70
SFP+ LR	YXF-PP-S31L-20D	10 G	1310 nm	20 Km	DFB/PIN	-6 / 1	<-14	LC	0-70
SFP+ ER	YXF-PP-S31L-40D	10 G	1310 nm	40 Km	DFB/PIN	1 / 5	<-15	LC	0-70
SFP+ ER	YXF-PP-S55L-40D	10 G	1550 nm	40 Km	EML/PIN	-2 / 5	<-15	LC	0-70
SFP+ ZR	YXF-PP-S55L-80D	10 G	1550 nm	80 Km	EML/APD	-1 / 5	<-23	LC	0-70
SFP+ BIDI	YXF-PP-B23L-3D	10 G BIDI	Tx1270 nm-Rx1330 nm	3 Km	DFB/PIN	-7 / 1	<-12	LC	0-70
SFP+ BIDI	YXF-PP-B32L-3D	10 G BIDI	Tx1330 nm-Rx1270 nm	3 Km	DFB/PIN	-7 / 1	<-12	LC	0-70
SFP+ BIDI	YXF-PP-B23L-10D	10 G BIDI	Tx1270 nm-Rx1330 nm	10 Km	DFB/PIN	-7 / 1	<-14	LC	0-70
SFP+ BIDI	YXF-PP-B32L-10D	10 G BIDI	Tx1330 nm-Rx1270 nm	10 Km	DFB/PIN	-7 / 1	<-14	LC	0-70
SFP+ BIDI	YXF-PP-B23L-20D	10 G BIDI	Tx1270 nm-Rx1330 nm	20 Km	DFB/PIN	-6 / 1	<-14	LC	0-70
SFP+ BIDI	YXF-PP-B32L-20D	10 G BIDI	Tx1330 nm-Rx1270 nm	20 Km	DFB/PIN	-6 / 1	<-14	LC	0-70
SFP+ BIDI	YXF-PP-B23L-40D	10 G BIDI	Tx1270 nm-Rx1330 nm	40 Km	DFB/PIN	1 / 5	<-15	LC	0-70
SFP+ BIDI	YXF-PP-B32L-40D	10 G BIDI	Tx1330 nm-Rx1270 nm	40 Km	DFB/PIN	1 / 5	<-15	LC	0-70
SFP+ BIDI	YXF-PP-B23L-60D	10 G BIDI	Tx1270 nm-Rx1330 nm	60 Km	DFB/APD	1 / 5	<-23	LC	0-70
SFP+ BIDI	YXF-PP-B32L-60D	10 G BIDI	Tx1330 nm-Rx1270 nm	60 Km	DFB/APD	1 / 5	<-23	LC	0-70
SFP+ BIDI	YXF-PP-B45L-80D	10 G BIDI	Tx1490 nm-Rx1550 nm	80 Km	EML/APD	0 / 5	<-23	LC	0-70
SFP+ BIDI	YXF-PP-B54L-80D	10 G BIDI	Tx1550 nm-Rx1490 nm	80 Km	EML/APD	0 / 5	<-23	LC	0-70
SFP+ CWDM	YXF-PP-CXXL-10D	CWDM 10 G	1270 nm-1610 nm	10 Km	DFB/PIN	-7 / 1	<-14	LC	0-70
SFP+ CWDM	YXF-PP-CXXL-40D	CWDM 10 G	1270 nm-1610 nm	40 Km	EML/PIN	-2 / 5	<-15	LC	0-70
SFP+ CWDM	YXF-PP-CXXL-80D	CWDM 10 G	1470 nm-1610 nm	80 Km	EML/APD	-1 / 5	<-23	LC	0-70
SFP+ CWDM	YXF-PP-DXXL-40D	CWDM 10 G	CH20-CH60	40 Km	EML/PIN	-2 / 5	<-15	LC	0-70
SFP+ CWDM	YXF-PP-DXXL-80D	CWDM 10 G	CH20-CH60	80 Km	EML/APD	-1 / 5	<-23	LC	0-70

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# 1.25G SFP



Package	Part No.	Data Rate	Wavelength	Distance	Source	Output Power (dBm)	Sensitivity (dBm)	Connector	Temp. °C
SFP SX	YXF-GE-M85L-05D	1.25 G	850 nm	550 m	VCSEL/PIN	-9 / 3	<-18	LC	0-70
SFP LX	YXF-GE-S31L-20D	1.25 G	1310 nm	20 Km	FB/PIN	-9 / 3	<-22	LC	0-70
SFP EX	YXF-GE-S31L-40D	1.25 G	1310 nm	40 Km	DFB/PIN	-5 / 0	<-24	LC	0-70
SFP ZX	YXF-GE-S55L-80D	1.25 G	1550 nm	80 Km	DFB/PIN	-2 / 5	<-26	LC	0-70
SFP ZX	YXF-GE-S55L-120D	1.25 G	1550 nm	120 Km	DFB/PIN	1 / 5	<-30	LC	0-70
SFP BIDI	YXF-GE-B35L-3D	1.25 G BIDI	Tx1310 nm-Rx1550 nm	3 Km	FB/PIN	-9 / 3	<-21	LC	0-70
SFP BIDI	YXF-GE-B53L-3D	1.25 G BIDI	Tx1550 nm-Rx1310 nm	3 Km	FB/PIN	-9 / 3	<-21	LC	0-70
SFP BIDI	YXF-GE-B35S-3D	1.25 G BIDI	Tx1310 nm-Rx1550 nm	3 Km	FB/PIN	-9 / 3	<-21	SC	0-70
SFP BIDI	YXF-GE-B53S-3D	1.25 G BIDI	Tx1550 nm-Rx1310 nm	3 Km	FB/PIN	-9 / 3	<-21	SC	0-70
SFP BIDI	YXF-GE-B53L-20D	1.25 G BIDI	Tx1310 nm-Rx1550 nm	20 Km	FB/PIN	-9 / 3	<-22	LC	0-70
SFP BIDI	YXF-GE-B53L-20D	1.25 G BIDI	Tx1550 nm-Rx1310 nm	20 Km	DFB/PIN	-9 / 3	<-22	LC	0-70
SFP+ BIDI	YXF-GE-B35S-20D	1.25 G BIDI	Tx1310 nm-Rx1550 nm	20 Km	FB/PIN	-9 / 3	<-22	SC	0-70
SFP BIDI	YXF-GE-B53S-20D	1.25 G BIDI	Tx1550 nm-Rx1310 nm	20 Km	DFB/PIN	-9 / 3	<-22	SC	0-70
SFP BIDI	YXF-GE-B34L-20D	1.25 G BIDI	Tx1310 nm-Rx1490 nm	20 Km	FB/PIN	-9 / 3	<-22	LC	0-70
SFP BIDI	YXF-GE-B43L-20D	1.25 G BIDI	Tx1490 nm-Rx1310 nm	20 Km	DFB/PIN	-9 / 3	<-22	LC	0-70
SFP BIDI	YXF-GE-B34L-40D	1.25 G BIDI	Tx1310 nm-Rx1490 nm	40 Km	DFB/PIN	-5 / 0	<-24	LC	0-70
SFP BIDI	YXF-GE-B43L-40D	1.25 G BIDI	Tx1490 nm-Rx1310 nm	40 Km	DFB/PIN	-5 / 0	<-24	LC	0-70
SFP BIDI	YXF-GE-B35L-40D	1.25 G BIDI	Tx1310 nm-Rx1550 nm	40 Km	DFB/PIN	-5 / 0	<-24	LC	0-70
SFP BIDI	YXF-GE-B53L-40D	1.25 G BIDI	Tx1550 nm-Rx1310 nm	40 Km	DFB/PIN	-5 / 0	<-24	LC	0-70
SFP BIDI	YXF-GE-B45L-80D	1.25 G BIDI	Tx1490 nm-Rx1550 nm	80 Km	DFB/PIN	-2 / 5	<-26	LC	0-70
SFP BIDI	YXF-GE-B54L-80D	1.25 G BIDI	Tx1550 nm-Rx1490 nm	80 Km	DFB/PIN	-2 / 5	<-26	LC	0-70
SFP BIDI	YXF-GE-B45L-120D	1.25 G BIDI	Tx1490 nm-Rx1550 nm	120 Km	DFB/PIN	0 / 5	<-30	LC	0-70
SFP BIDI	YXF-GE-B54L-120D	1.25 G BIDI	Tx1550 nm-Rx1490 nm	120 Km	DFB/PIN	0 / 5	<-30	LC	0-70

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Package	Data Rate	Wavelength	Distance	Output Power (dBm)	Sensitivity (dBm)	Connector	Temp. °C
1 x 9 DIBI	155 M	Tx1310 nm-Rx1550 nm	20 Km	-12 / -3	<-34	SC	0-70
1 x 9 DIBI	155 M	Tx1550 nm-Rx1310 nm	20 Km	-12 / -3	<-34	SC	0-70
1 x 9 DIBI	155 M	Tx1310 nm-Rx1550 nm	40 Km	-7 / 0	<-35	SC	0-70
1 x 9 DIBI	155 M	Tx1550 nm-Rx1310 nm	40 Km	-7 / 0	<-35	SC	0-70
1 x 9 DIBI	155 M	Tx1490 nm-Rx1550 nm	80 Km	-2 / 1	<-37	SC	0-70
1 x 9 DIBI	155 M	Tx1550 nm-Rx1490 nm	80 Km	-2 / 1	<-37	SC	0-70
1 x 9 DIBI	1.25 G	Tx1310 nm-Rx1550 nm	20 Km	-9 / -3	<-24	SC	0-70
1 x 9 DIBI	1.25 G	Tx1550 nm-Rx1310 nm	20 Km	-9 / -3	<-24	SC	0-70
1 x 9 DIBI	1.25 G	Tx1310 nm-Rx1550 nm	40 Km	-5 / 0	<-25	SC	0-70
1 x 9 DIBI	1.25 G	Tx1550 nm-Rx1310 nm	40 Km	-5 / 0	<-25	SC	0-70
1 x 9 DIBI	1.25 G	Tx1550 nm-Rx1490 nm	80 Km	-2 / 1	<-27	SC	0-70
1 x 9 DIBI	1.25 G	Tx1490 nm-Rx1550 nm	80 Km	-2 / 1	<-27	SC	0-70
1 x 9 DIBI	1.25 G	Tx1310 nm-Rx1550 nm	20 Km	-9 / -3	<-24	SC	0-70
1 x 9 DIBI	1.25 G	Tx1550 nm-Rx1310 nm	20 Km	-9 / -3	<-24	SC	0-70
1 x 9 DUAL	155 M	1310 nm	20 Km	-12 / 2	<-34	SC	0-70
1 x 9 DUAL	155 M	1310 nm	40 Km	-7 / -0	<-35	SC	0-70
1 x 9 DUAL	155 M	1550 nm	80 Km	-2 / 1	<-37	SC	0-70
1 x 9 DUAL	1.25 G	850 nm	550 M	-9 / -3	<-18	SC	0-70
1 x 9 DUAL	1.25 G	1310 nm	20 Km	-9 / -3	<-24	SC	0-70
1 x 9 DUAL	1.25 G	1310 nm	40 Km	-5 / 0	<-25	SC	0-70
1 x 9 DUAL	1.25 G	1550 nm	80 Km	-2 / 1	<-27	SC	0-70
1x9 DUAL TTL	0 - 2 M	1310 nm	20 Km	-4 / -10	<-16	SC	0-70

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**AOC / DAC**



**AOC**

Part No.	DataRate	Potective Sleeve Material	Distance	Connector Type
YXF-10G-A1	10G	PVC	1 M	SFP + TO SFP +
YXF-10G-A5		PVC	5 M	SFP + TO SFP +
YXF-10G-A10		PVC	10 M	SFP + TO SFP +
YXF-10G-A20		PVC	20 M	SFP + TO SFP +
YXF-25G-A1	25G	PVC	1 M	SFP28 TO SFP28
YXF-25G-A5		PVC	5 M	SFP28 TO SFP28
YXF-25G-A10		PVC	10 M	SFP28 TO SFP28
YXF-25G-A20		PVC	20 M	SFP28 TO SFP28
YXF-40G-A1	40 G	PVC	1 M	QSFP + TO QSFP +
YXF-40G-A5		PVC	5 M	QSFP + TO QSFP +
YXF-40G-A10		PVC	10 M	QSFP + TO QSFP +
YXF-40G-A20		PVC	20 M	QSFP + TO QSFP +
YXF-100G-A1	100 G	PVC	1 M	QSFP28 TO QSFP28
YXF-100G-A5		PVC	5 M	QSFP28 TO QSFP28
YXF-100G-A10		PVC	10 M	QSFP28 TO QSFP28
YXF-100G-A20		PVC	20 M	QSFP28 TO QSFP28

**DAC**

Part No.	DataRate	WIRE (AWG)	Distance	Connector Type
YXF-10G-D1	10G	30	1 M	SFP + TO SFP +
YXF-10G-D2		30	2 M	SFP + TO SFP +
YXF-10G-D3		30	3 M	SFP + TO SFP +
YXF-10G-D5		26	5 M	SFP + TO SFP +
YXF-10G-D7		24	7 M	SFP + TO SFP +
YXF-10G-D10		24	10 M	SFP + TO SFP +
YXF-40G-D1	40 G	28	1 M	QSFP + TO QSFP +
YXF-40G-D2		28	2 M	QSFP + TO QSFP +
YXF-40G-D3		28	3 M	QSFP + TO QSFP +
YXF-Q28-D1	100G	30	1 M	QSFP28 TO QSFP28
YXF-Q28-D2		26	2 M	QSFP28 TO QSFP28
YXF-Q28-D3		26	3 M	QSFP28 TO QSFP28
40G-4X10G-D1	40G TO 4X10G	30	1 M	QSFP+ TO 4XQSFP
40G-4X10G-D2		30	2 M	QSFP+ TO 4XQSFP
40G-4X10G-D3		30	3 M	QSFP+ TO 4XQSFP

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