



Optical Transceiver



Optical Transceivers

ZTT Transceiver R&D Ability

Hardware Design	Coaxial Design	Automatic Platform Develop	Structural Design
Software Develop	COB Package	Silicon Chip Ability	SI Simulation

High Speed Performance & Reliability Test In-house Ability



1G~400G Test System



Burn in System



HT/LT Test System

ZTT Transceiver Manufacture Line & Capacity



Transceiver Production Area: 3000m²

Workshop line types: SMT/Transceiver

5 SMT lines+5 transceiver lines

Capacity (25G and below): 150K/M

Capacity (100G and above): 70K/M

Port	Distance	Wavelength	Temp	MPN	Power Consumption(W)	TX MIN (dBm)	TX MAX (dBm)	Sensitivity (dBm)		
400G										
AOC	1~30m	850nm	C	ZAQO-850xPC	<9.0	/	/	/		
MPO	100m	850nm SR8	C	ZMQO-850SRPC	<9.0	-6.5	4.0	-3.4		
	500m	1310nm DR4	C	ZMQO-131DRPC	<8.0	-2.9	4.0	-3.9		
	2km	CWDM4 FR4	C	ZMQO-CDMFRPC	<12.0	-3.2	4.4	-4.6		
	10km	LWDM8 LR8	C	ZMQO-LDMLRPC	<12.0	-2.8	5.3	-7.6		
Dual LC	40km	LWDM8 ER8	C	ZMQO-LDMERPC	<12.0	-0.6	5.6	-17.1		
200G										
AOC	1~30m	850nm	C	ZAPQ-850xPC	<5.0	/	/	/		
100G										
DAC	1m	Electrical	C	ZDUQ-E3001NC	<1.0	/	/	/		
AOC	1~30m	850nm	C	ZAUQ-850xNC	<2.5	/	/	/		
MPO	100m	850nmSR4	C	ZMUQ-850SRNC	<2.5	-8.4	2.4	-10.3		
		CWDM4	C	ZMUQ-CDMFRNC	<3.5	-6.5	2.5	-10.0		
	2km	1310nmFR1	C	ZMUQ-131FRPC	<4.0	-2.4	4.0	-4.5		
		LWDM4 LR4	C	ZMUQ-LDMLRNC	<4.0	-4.3	4.5	-8.6		
	10km	LWDM4 LR4H	C	ZMUQ-LDMLRNC-H	<4.0	-4.3	4.5	-8.6		
		1310nmLR1	C	ZMUQ-131LRPC	<4.0	-1.4	4.5	-6.1		
	30km	1310nm ER1L	C	ZMUQ-131ELPC-L	<5.5	0.0	5.6	-14.7		
	40km	LWDM4 ER4L	C	ZMUQ-LDMELRNC	<5.5	-2.5	4.5	-19.0		
	LWDM4 ER4	C	ZMUQ-LDMERNNC	<5.5	-2.9	2.9	-21.4			
	80km	LWDM4 ZR4	C	ZMUQ-LDMZRNC	<6.0	2.0	6.5	-26.4		
25G										
Dual LC	100m	850nm	I/C	ZMLP-850SRNx	<1.2	-8.4	2.4	-9.5		
		1310nm	I/C	ZMLP-131LRNx	<1.5	-4.0	2.0	-13.0		
		CWDM6	I/C	ZMLP-1xxLRNx	<1.5	2.0	7.0	-14.0		
	10km	LWDM12	I	ZMLP-LxxLRNi	<2.0	0.0	6.0	-14.0		
		MWDM12	I	ZMLP-MxxLRNi	<2.0	2.0	7.0	-14.0		
		DWDM80	I	ZMLP-CxxERNx	<2.0	-1.0	5.0	-14.5		
	15km	1310nm	I/C	ZMLP-131LONx	<1.5	0.0	6.0	-14.0		
	40km	1310nm	I/C	ZMLP-131ERNx	<1.8	0.0	6.0	-19.0		
	10km	1270/1330nm	I	ZMLP-B03LRNi	<1.5	-4.0	2.0	-13.0		
BIDI LC		15km	1270/1330nm	I	ZMLP-B03LONi	<1.5	2.0	7.5	-14.5	
		20km	1270/1330nm	I	ZMLP-B03LINi	<1.5	3.0	7.5	-14.5	
		40km	1270/1330nm	I	ZMLP-B03LONi	<1.8	-3.0	6.0	-19.0	
		40km	1270/1310nm	I	ZMLP-BC2ERNi	<1.8	-3.0	6.0	-19.0	
10G										
RJ45	100m	UTP	I/C	ZEGP-SRNx	<2.5	/	/	/		
	220m	1310nm LRM	C	ZMKP-131SINx	<1.0	-3.0	0.5	-14.4		
	300m	850nm	C	ZMKP-850SINx	<1.0	-6.2	-1.0	-11.1		
	2km	1310nm	I	ZMKP-131FRNi	<1.0	-8.2	0.5	-14.4		
	10km	1310nm	I/C	ZMKP-131LRNx	<1.0	-8.2	0.5	-14.4		
		CWDM18	I/C	ZMKP-1xxLRNx-C	<1.0	1.0	7.0	-15.0		
		1310nm	I/C	ZMKP-131LINx	<1.0	-5.0	3.0	-14.4		
	20km	CWDM18	E	ZMKP-1xxLINE-C	<1.5	2.0	7.0	-24.0		
		1310nm	I/C	ZMKP-131ERNx	<1.8	-2.0	4.0	-15.0		
		1550nm	I/C	ZMKP-155ERNx	<1.8	-2.0	4.0	-16.0		
	40km	CWDM18	E	ZMKP-1xxERNx-C	<1.5	2.0	7.0	-24.0		
		DWDM48	I/C	ZMKP-CxxERNx	<1.8	-2.0	4.0	-15.0		
		1550nm	I/C	ZMKP-155ZRNx	<1.8	-2.0	4.0	-16.0		
		DWDM48	I/C	ZMKP-CxxZRNx	<2.0	-1.0	4.0	-24.0		
		Tunable	C	ZMKP-T96ZRNx	<1.7	-1.0	3.0	-21.0		
	100km	1550nm	I/C	ZMKP-155ZINx	<2.0	1.0	5.0	-24.0		
	BIDI LC	10km	1270/1330nm	I	ZMKP-B03LRNi	<1.0	-8.2	0.5	-14.4	
			20km	1270/1330nm	I	ZMKP-B03LONi	<1.0	-3.0	3.0	-14.4
			40km	1270/1330nm	I	ZMKP-B03ERNi	<1.0	1.0	7.0	-15.0
		80km	1270/1330nm	I	ZMKP-B03ERNi	<1.0	1.0	7.0	-15.0	
		80km	1490/1550nm	I/C	ZMKP-B9CZRNx	<2.0	0.0	5.0	-23.0	
		80km	1490/1550nm	I/C	ZMKP-BC9ZRNx	<2.0	0.0	5.0	-23.0	
2.5G										
Dual LC	15km	1310nm	I/C	ZMHP-131LONx	<1.0	-5.0	0.0	-18.0		
BIDI LC	15km	1310/1550nm	I/C	ZMHP-B2CLONx	<1.0	-5.0	0.0	-18.0		
1.25G										
RJ45	100m	UTP	I/C	ZEGP-SRNx	<1.5	/	/	/		
	10km	1310nm	I/C	ZMGP-131LRNx	<1.0	-9.0	-3.0	-24.0		
	20km	1310nm	I/C	ZMGP-131LINx	<1.0	-9.0	-3.0	-24.0		
	80km	1550nm	I/C	ZMGP-155ZRNx	<1.0	-2.0	3.0	-26.0		
Dual LC	10km	1310/1550nm	I/C	ZMGP-B2CLRNx	<1.0	-9.0	-3.0	-24.0		
	20km	1310/1550nm	I/C	ZMGP-B2CLINx	<1.0	-9.0	-3.0	-24.0		
		1310/1550nm	I/C	ZMGP-B2CLINx	<1.0	-9.0	-3.0	-24.0		
		80km	1490/1550nm	I/C	ZMGP-B9CZRNx	<1.2	-2.0	3.0	-27.0	

ZTT GROUP



Established in 1992, ZTT started from optical fiber communications and was listed on Shanghai Stock Exchange (SSE) in 2002 (Stock Code in SSE: 600522). ZTT has pictured a diversified industrial portfolio for marine equipment, renewable energy, new materials, smart grid, optical communications and other diversified industrial products.

ZTT Group is now hosting 80 subsidiary companies and over 16,000 employees, operating 5 overseas plants located in India, Brazil, Indonesia, Morocco and Turkey. ZTT owns more than 2500 patents with independent intellectual property rights, presided over or participated in more than 500 international and national industry standards. The products of ZTT are exported to 160 countries and regions. The company has ranked among the top 500 Chinese enterprises for consecutive years and broke through \$13.5 billion in sales revenue in 2023.

ZTT follows the new economic model of fostering cleaner production and accelerating green and low-carbon development, works hard to serve as the pioneer of persistent endeavor to achieve national goal involving carbon dioxide emissions peaking by 2030 and carbon neutrality by 2060, emerging as a green manufacturing technology group assuming regional economy.



Add: No.88 Qixin Road, NETDA, Nantong, Jiangsu, P.R. China, 226009

Tel: 86-0513-80100986 Email: sales@zttgroup.com [Http://www.zttgroup.com](http://www.zttgroup.com)