300394 **2026-010**

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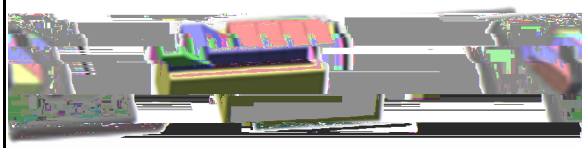
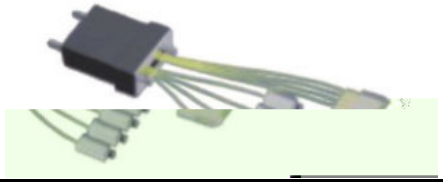
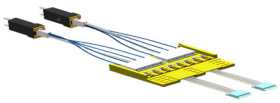
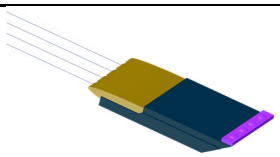
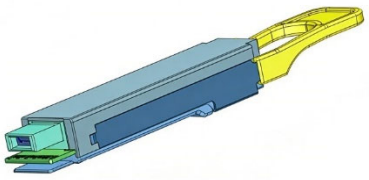
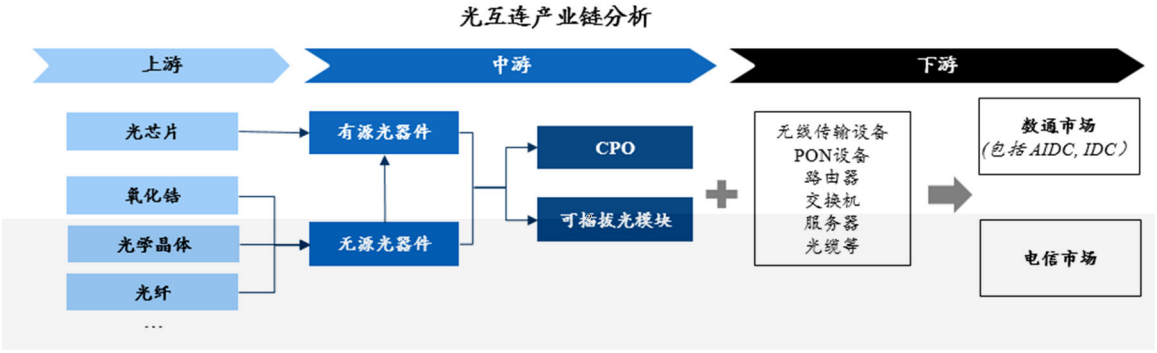
..... 118

..... 127

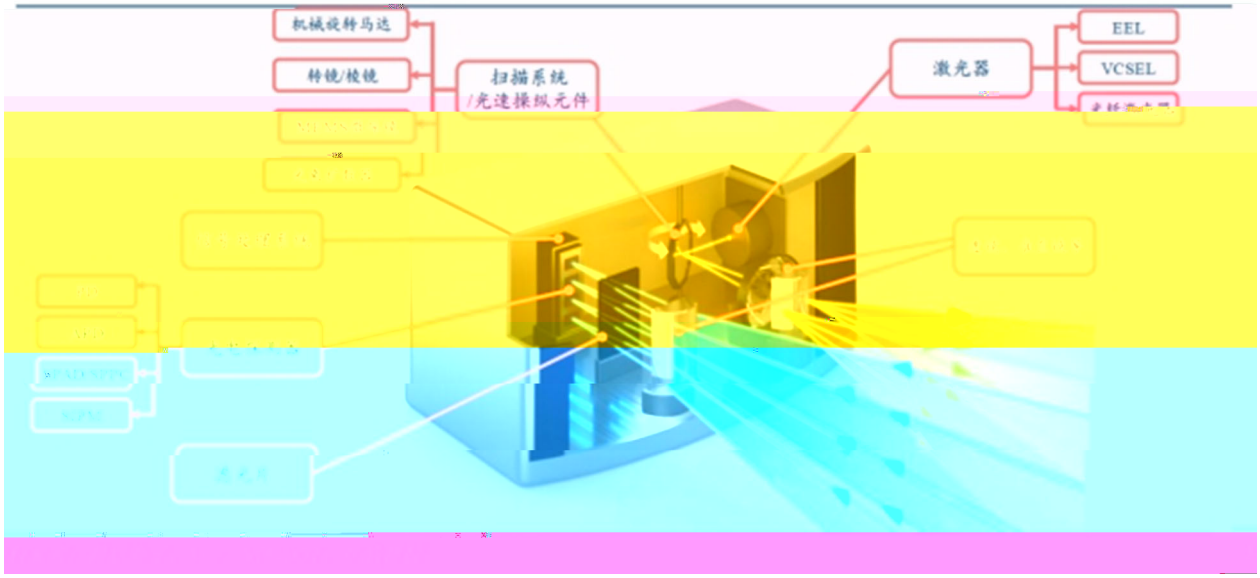
..... 128


光互连产业链分析
上游
中游
下游
光芯片
氧化铪
光学晶体
光纤
…
有源光器件
无源光器件
CPO
可插拔光模块
无线传输设备
PON设备
路由器
交换机
服务器
光缆等
数通市场
(包括 AIDC, IDC)
电信市场

激光雷达构成



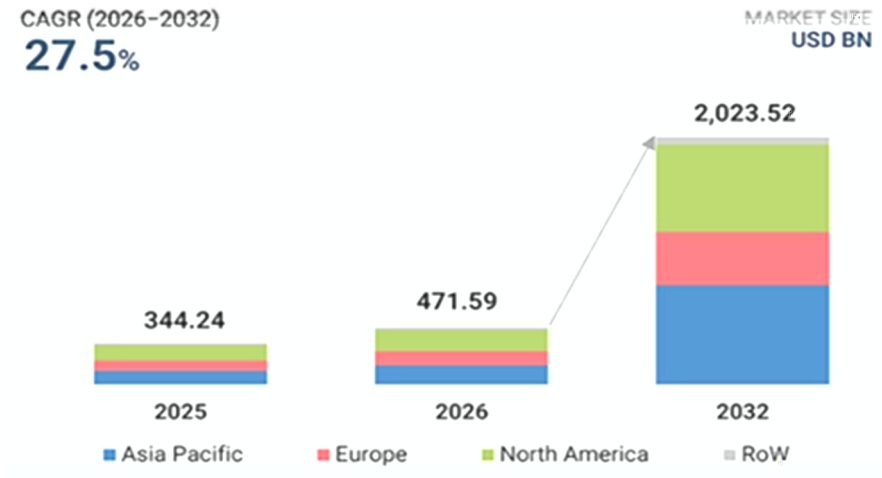
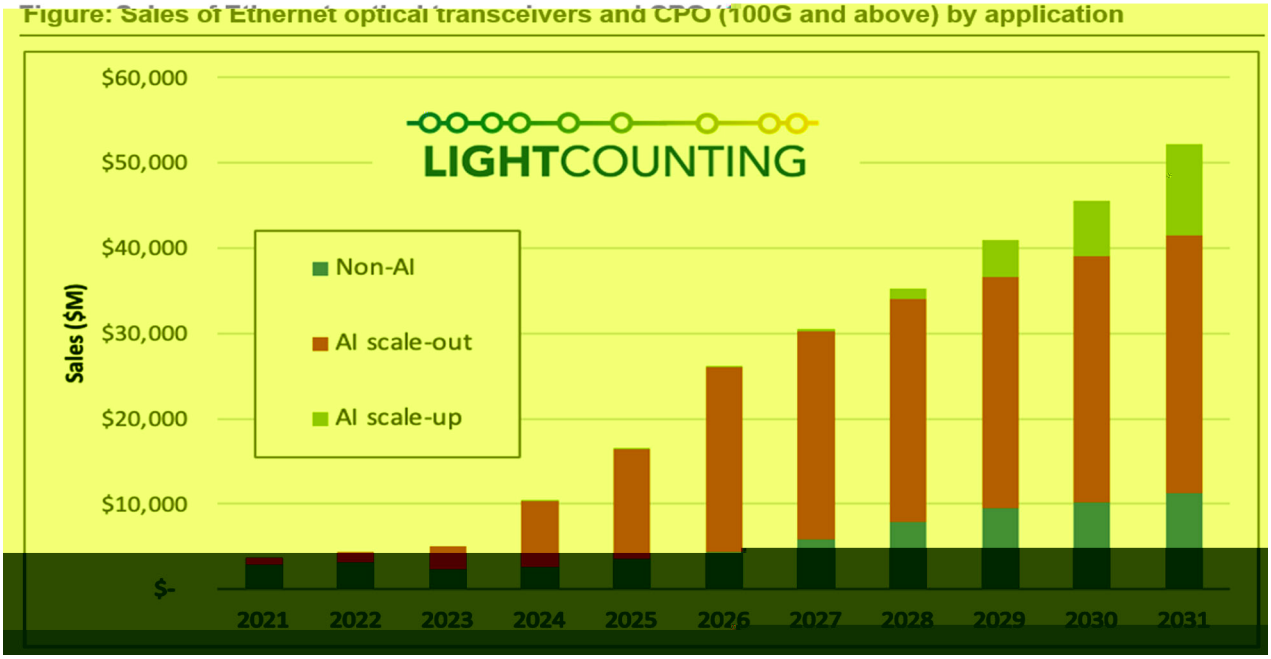
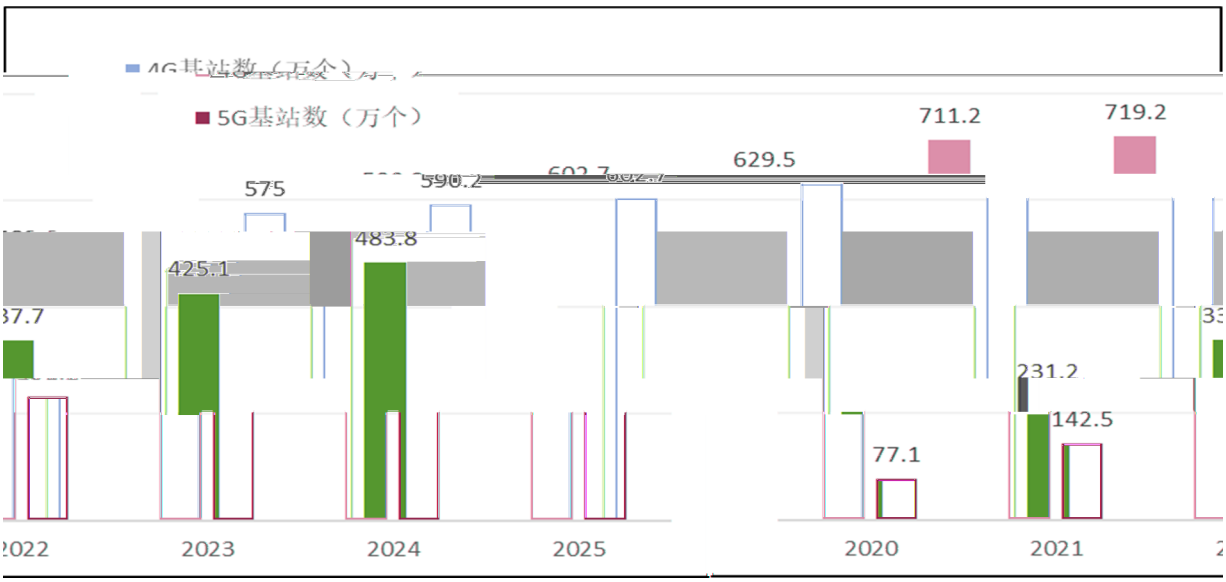
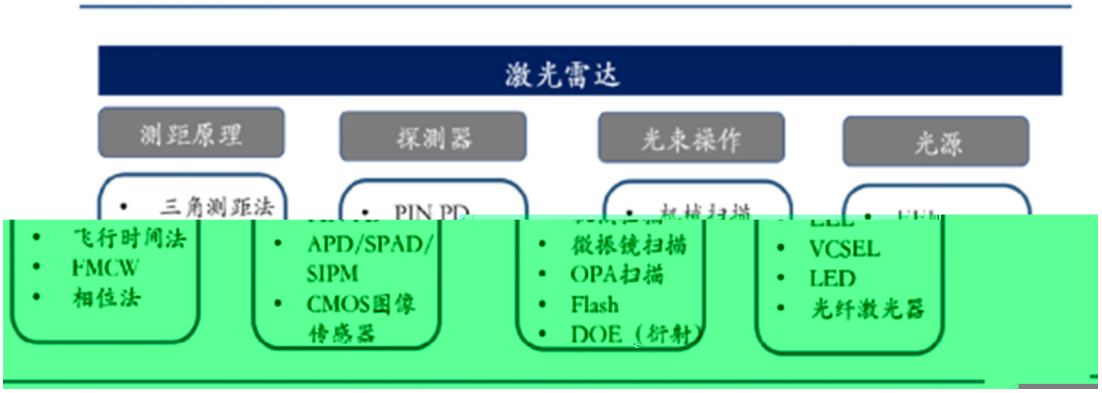

CAGR (2026-2032)
27.5%
MARKET SIZE
USD BN
2,023.52
471.59
344.24
2025
2026
2032
Asia Pacific
Europe
North America
RoW

Figure: Sales of Ethernet optical transceivers and CPO (100G and above) by application






激光雷达
测距原理
探测器
光束操作
光源
飞行时间法
FMCW
相位法
APD/SPAD/SIPM
CMOS图像传感器
微振镜扫描
OPA扫描
Flash
VCSEL
LED
光纤激光器

47,523,153.95

2025 2

2026 1

PLM ERP MES WMS

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5

1 1968 4

1991 7 1995 7 2001 9

2001 10 2004 6 2004 7

2005 6 2005 7

2005 2018 1 2018 1

1968 9 1991 9

2001 9 2001 10 2005 6

2005 7 2011 9 2011 10 2018 1
2018 1
1974 10 2001 6
2003 6 2003 7 2006 5
2006 6 2007 3 2007 4 2010 2
2010 3 2011 6 2011 5 2011
9

[redacted]

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2025 2

5 1 5 172.75
190.02 209.02

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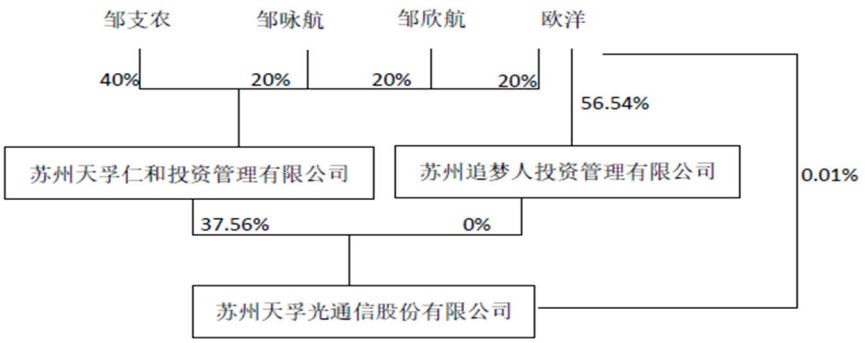

上图为截至 2025 年 12 月 31 日的控制关系图

1

91320500776447744 695

2026 4 8

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		100%	—
		100%	—
		100%	—
TFCCOMMUNICATIONUSA INC		100%	—
( )		100%	—
		100%	—
TFC		100%	—
		—	100%
Auxora US, Inc		—	100%
Advanced Integrated Photonics Hong Kong Co., Limited	AIP	—	40%
Tianfu International Investment Pte. Ltd.		—	100%
TFC TECHNOLOGY (SG) PTE. LTD.		—	100%
TFC Technology (Thailand) Co., LTD.		—	100%

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33 ——

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2-1

2023 43

2023 1 1 2027 12 31 5%

2025

2-2

2024 11 19

GR202432005643

2024 10 28

GR202436000562

2024 10 28

GR202436000605

2023 10 16

GR202344202350

15%

2024

① 34,593,243.44 ②
50,495,187.24 ;

2025

196.43

2025 2

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2

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“ ”

2025 12 31

100%

2026 4 7