

以光载梦
以芯筑光

永鼎光电子 ETERN OPTOELECTRONICS

PRODUCT MANUAL
产品手册

以光载梦 以芯筑光

光芯片与组件

光无源器件

光收发模块

波分子系统

永鼎光电子

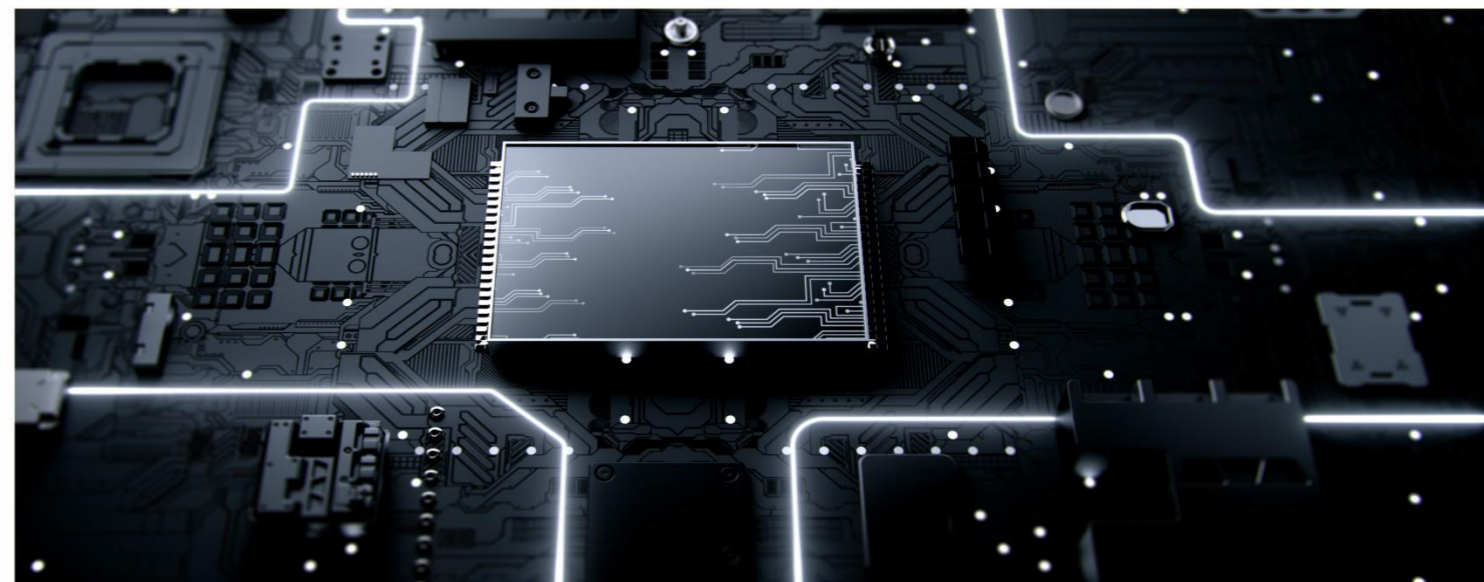
地址：江苏省苏州市吴江区汾湖镇318国道1788号永鼎工业园

电话：0512-63272915 邮箱：sales@szetern.com 邮编：215211

www.szetern.com www.eternopto.com



微信二维码



公司简介 Industrial Profile

成为标杆 筑梦永鼎
Become a benchmark and build a dream for ETERN

永鼎光电子，始于2002年，是永鼎涉足光器件领域的重要布局，通过在上海、苏州、武汉、成都等地设立子公司，垂直整合资源，成为了专业从事研发、生产及销售光无源芯片及器件、激光器芯片及光模块、子系统的制造商，形成了以光器件全产业链布局为核心竞争力的综合平台。

着眼于光通信的发展趋势和技术方向，永鼎光电子通过持续不断的自主创新，从光器件和光模块的研发制造逐步向光电芯片上游延伸，掌握了光学镀膜、平面光波导技术、半导体材料生长及加工等技术平台，发力WDM滤光片、AWG芯片及激光器芯片的研发制造，聚焦OTN、5G承载网和数据中心等国内外市场需求，可针对不同应用场景，提供全系列解决方案，最大化满足客户定制需求。

在产品的设计、开发、生产及全球化销售过程中，永鼎光电子十分注重产品合规和安规要求，建立了国际化的质量保证体系，严格实施标准化管理和控制，为国内外客户提供创新、全面、安全、可靠的产品技术和解决方案。近年来，永鼎光电子抓住发展机遇，并立足于早期建立的全球化布局，凭借丰富的产品品类、高质量的产品和服务，赢得越来越多国内外客户的信任和支持，营业额保持持续增长趋势，并在波分市场处于领先地位。未来，永鼎光电子将不断提高交付能力与成本优势，用可靠的产品和全面的解决方案，持续为客户创造最大的价值！

关于永鼎

永鼎，始创于1978年。旗下江苏永鼎股份有限公司（股票代码600105）于1994年成立，1997年上市，是中国光缆行业首家民营上市公司，经过数十年稳健发展，已形成了“光电交融，协同发展”的战略格局，拥有永鼎光电子等数十家控股、参股公司和研发机构，并在全球十多个国家和地区设立分公司，跻身中国民营企业500强、中国民营企业制造业500强、中国电子元件百强企业及中国电子信息百强企业。

产业布局 Industrial layout

以光载梦 以芯筑光
Carrying dreams with light, Building light with chip

芯片及组件 Chip & Assembly	无源芯片及组件 Passive Chip & Assembly	AWG CWDM4/LAN-WDM
		AWG/TFF DWDM
		Free Space Isolator
	有源芯片及组件 Active Chip & Assembly	DFB/VCSEL Laser
		APD/PIN Photodiode
光无源器件 Passives	波长管理器件 Mux/Demux	WDM Series
		AWG Series
	微光学器件 Micro optics	Optical Switch
光收发模块 Transceivers	光收发模块 Transceivers	MTP/MPO Cables
		LC/SC/FC/ST Cables
		MT-MT/MT-FA Assembly
		10G SFP+
		25G SFP28
		40G QSFP+
		100G Series
		200G&400G Series
子系统 Subsystem	波分传输子系统 WDM Subsystem	无源波分子系统
		半有源波分子系统

AWG CWDM4/LAN-WDM Chip & Assembly

应用

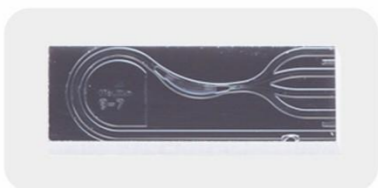
- 4CH wavelength Mux&Demux for transceiver
- WDM optical system

特性

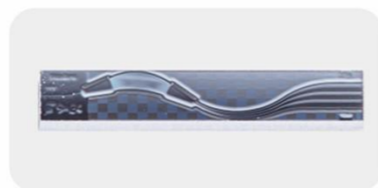
- Planar Lightwave Circuit (Silica-Based) platform
- Low temperature Dependence
- High Stability and Reliability
- Compact Size (Suitable to CFP4/QSFP+/QSFP28/QSFP-DD/QSFP112)



(a) CWDM



(b) CWDM Mux (U-type)



(c) CWDM



(d) LAN-WDM



(e) LAN-WDM



DWDM AWG Chip

应用

- DWDM Mux&Demux
- WDM optical system

特性

- Compact Size
- High Stability and Reliability
- Cost-effective for multiple channel DWDM link up to 96CH
- Mass Production Available



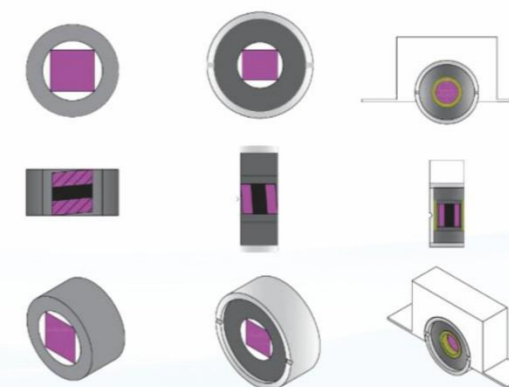
隔离器 FREE SPACE ISOLATOR

应用

- Tunable Laser Module
- GPON/EPON OLT Module
- 2.5G-400G Optical Module
- Aeronautics and Astronautics
- Far IR Laser
- Sensor

特性

- High Isolation & Low Insertion loss
- Polarization Dependent
- Compact Size



DFB/VCSEL Laser

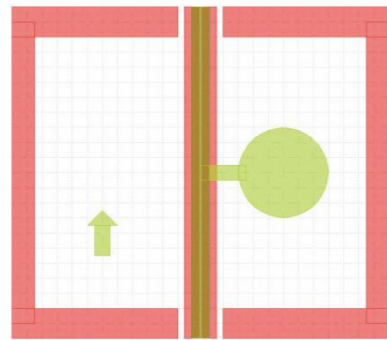
10G&25G DFB直接调制半导体激光器系列，可用于高速率传输光源以及一些特殊传感场景光源（例如：激光雷达等）。该系列产品采用多应变量子阱结构，及掩埋异质结或脊波导工艺，具有低阈值、宽调制带宽、宽温工作等特点。

应用

- Optical Transmission
- Wireless/DAS Applications Long Distances

特性

- Muti strained QW
- Buried or Ridge waveguide
- Low threshold, High WPE



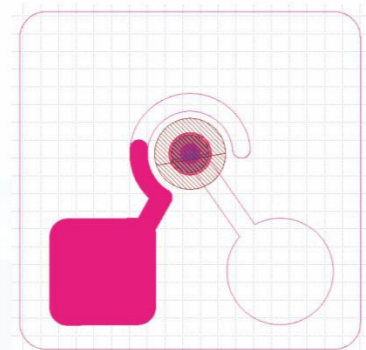
25G VCSEL半导体激光器系列，可用于短距光纤通讯，消费类应用场景（例如人脸识别等）。具有高效率、低阈值、高可靠性等特点，可定制特殊应用场景以及特殊性能的芯片。

应用

- Short range Optical communication
- Consumer 3D Sensing
- Automotive LiDAR
- Special chips for Costumer

特性

- Low threshold, High WPE



>> 光无源器件 Passives



密集波分复用器 DWDM Mux&Demux

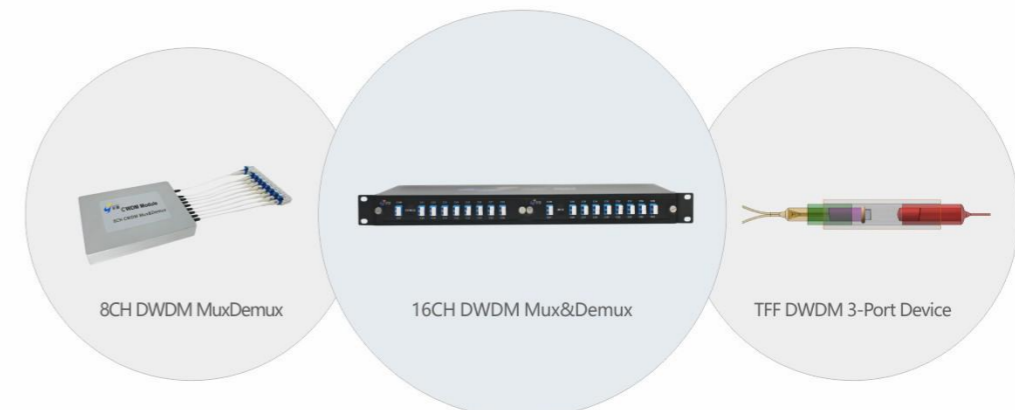
DWDM MUX/DEMUX是一种多通道DWDM密集波分复用器，基于薄膜滤波片(TFF)技术，工作在100GHz或200GHz或50GHz的通道间距，ITU Grid DWDM波长从1526nm到1565nm。

特性

- Creative TFF core ability to achieve reliable performance.
- Up to 32 channels DWDM with flexible design.
- Telcordia GR-1209 and GR-1221 compliant.
- Operating Temperature -10~70°C or customized.



提供一系列定制的 DWDM MUX/DEMUX 设备，封装在金属 LGX 盒中，或 19 英寸 1U 机架安装，以满足端口配置（2 至 40 通道，1310nm/升级/监控端口可用）、工作波长、封装类型的不同要求、光纤类型、光纤长度、输入连接器和输出连接器。



粗波分复用器CWDM Mux&Demux

CWDM粗波分复用是一种多通道的CWDM波分复用器，专为高性价比的多波长CWDM传输网络应用而设计。它基于薄膜滤波片(TFF)技术，工作在通道间距为20nm的ITU Grid CWDM波长，从1270nm到1610nm之间。

特性

- Creative TFF core ability to achieve reliable performance.
- Up to 18 channels CWDM with flexible design.
- Telcordia GR-1209 and GR-1221 compliant.
- Operating Temperature -10~70°C or customized.



提供一系列定制的CWDM MUX/DEMUX设备，封装在金属LGX盒中，或机架安装，以满足端口配置（2至18个通道，1310nm/可升级/监控端口）、工作波长、封装类型、光纤类型、光纤长度、输入连接器和输出连接器。



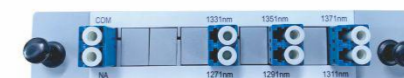
18CH CWDM Mux&Demux

紧凑型粗波分复用器CCWDM Mux&Demux

CCWDM(紧凑型粗波分复用器)是一种封装紧凑的多通道CWDM器件，专为高性价比的多波长CWDM网络应用而设计。基于薄膜滤光片(TFF)技术和自由空间技术平台。工作在20nm的通道间距，ITU Grid CWDM波长从1270nm到1610nm。

特性

- Low Insertion Loss and better uniformity than traditional 3-ports platform.
- Up to 18 channels CWDM with compact design.
- Telcordia GR-1209 and GR-1221 compliant.
- Operating Temperature -10~70°C or customized.



提供一系列定制的CCWDM MUX/DEMUX设备，采用金属盒封装，满足端口配置（1310nm、升级、监控端口）、工作波长、光纤类型、光纤长度、输入连接器和输出连接器的不同要求。



18CH CCWDM Mux&Demux



8CH CCWDM MuxDemux

平顶型100GHz Flat-Top AAWG

阵列波导光栅(AWG)是一种高性价比的多通道DWDM Mux/Demux器件，工作在C波段和L波段的ITU波段内，通道间距为100GHz，不需要供电。

特性

- Creative core ability of AWG chip to achieve reliable performance.
- Up to 48 channels C+L-band ITU-T 100GHz grid, MSA-compatible Athermal AWG.
- Telcordia GR-1209 and GR-1221 compliant.
- Mature and scale production capacity.
- Commercial and industry temperature optional.
- Module and Rack Mount packaging optional.



高斯型100GHz Gaussian AAWG

高斯型阵列波导光栅(AWG)是一种高性能的DWDM Mux/Demux器件，工作在C波段和L波段的ITU波段，通道间距为100GHz。高斯型插入损耗比平顶型要小。

特性

- Creative core ability of AWG chip to achieve reliable performance.
- Up to 48 channels C+L-band ITU-T 100GHz grid, MSA-compatible Athermal AWG.
- Telcordia GR-1209 and GR-1221 compliant.
- Mature and scale production capacity.
- Commercial and industry temperature optional.
- Module and Rack Mount packaging optional.



平顶型与高斯型50GHz AAWG

在C和L波段ITU网格中以50GHz信道间隔运行。

特性

- Creative core ability of AWG chip to achieve reliable performance.
- Up to 96 channels C+L-band ITU-T 50GHz grid, MSA-compatible Athermal AWG.
- Telcordia GR-1209 and GR-1221 compliant.
- Mature and scale production capacity.
- Commercial temperature 0~70°C.
- Module and Rack Mount packaging optional.
- Flat-Top and Gaussian type optional.



150GHz AAWG

在O波段ITU网格中以150GHz信道间隔运行。

特性

- Creative core ability of AWG chip to achieve reliable performance.
- O-Band DWDM Passive Optical Network Solution: 1 Athermal AWG for 16 AAUs.
- 1 DU Site to Multiple AAU Sites: Each 10Gbps DWDM Channel to Each AAU Site.
- CH1~CH8/CH10~CH17 for 5G 10Gbps Signals, CH9 for Channel Monitor.



光开关Optical Switch

应用

- Network Protection & Restoration
- Channel Blocking
- Module & System Integration
- Instrumentation
- Configurable OADM

特性

- Low Insertion Loss & Cross Talk
- Wide Operating Wavelength Range
- Bi-directional
- Mini Size



Fiber Optic Switch (Ultra-Mini 1X1/1X2/2X2Bypass)



Mini Optical Switch (1x4/1x8)



Fiber Optic Switch (1X1/1X2/2X2Bypass/2X2,Dual1X2/2X2Bypass/2X2)

连接线 Connectivity

应用

- Transceiver internal connection
- AOC (Active Optical Cable)
- Fiber cable distribution of Datacenter



>> 光收发模块 Transceivers



10G Series

应用

- Datacom 10GE Ethernet, Fiber Channel
- Telecom wireless access/CPRI, OTN transmission

特性

- Compliant with SFP+ MSA, SFF-8431, SFF-8472
- Support data rate up to 11.3Gbps
- Commercial 0°C~70°C or industrial temperature -40°C~85°C optional



Type	Part Number	Pac kage	Data Rate	Wavelength	Reach	Trans mitter	Rec eiver	TX out put (dB m)	RX Sens itivity (dBm)	Power Consum ption (W)	Inter face	Application
SFP+ Trans ceiver	FLS10C030S	SFP+	10G	850nm	300M	VCSEL	PIN	0.5~-6	-10	<1	LC	10GBASE-SR/SW
	FLS06C110S	SFP+	6G	1310nm	2KM	FP	PIN	2~-6	-14.4	<1	LC	CPRI/OBSAI
	FLS10I102S	SFP+	10G	1310nm	2KM	FP	PIN	2~-6	-14.4	<1	LC	10GBASE-LR/LW
	FLS10I110S	SFP+	10G	1310nm	10KM	DFB	PIN	2~-6	-14.4	<1	LC	10GBASE-LR/LW
	FLS10I112S	SFP+	10G	1310nm	20KM	DFB	PIN	2~-6	-15	<1	LC	10GBASE-LR/LW
	FLS10I113S	SFP+	10G	1310nm	40KM	DFB	PIN	5~0	-15	<1	LC	10GBASE-ER/EW

	FLS10I240S	SFP+	10G	1550nm	40KM	EML	PIN	2~-2	-16	<1.8	LC	10GBASE-ER/EW
	FLS10I243S	SFP+	10G	1550nm	40KM	EML	PIN	2~-2	-16	<2	LC	10GBASE-ER/EW CDR
	FLS10I280S	SFP+	10G	1550nm	80KM	EML	APD	4~0	-23	<2	LC	10GBASE-ZR/ZW
	FLS10I283S	SFP+	10G	1550nm	80KM	EML	APD	4~0	-23	<2.5	LC	10GBASE-ZR/ZW CDR
SFP+ AOC	FLS10C009S-Lxx	SFP+	10G	-	0.5M~30M	VCSEL	PIN	-	-	-	AOC	10GBASE-SR/SW
SFP+ Bidi	FLS10I411S-B27	SFP+	10G	1270nm/1330nm	10KM	DFB	PIN	2~-6	-14.4	<1	LC	10GBASE-BX
	FLS10I421S-B27	SFP+	10G	1270nm/1330nm	20KM	DFB	PIN	2~-6	-15	<1	LC	10GBASE-BX
	FLS10I441S-B27	SFP+	10G	1270nm/1330nm	40KM	DFB	PIN	5~0	-15	<1	LC	10GBASE-BX
	FLS10I461S-B27	SFP+	10G	1270nm/1330nm	60KM	DFB	APD	5~0	-20	<1.2	LC	10GBASE-BX

Type	Part Number	Package	Data Rate	Wavelength	Reach	Transmitter	Receiver	TX output (dBm)	RX Sensitivity (dBm)	Power Consumption (W)	Interface	Application
SFP+ CWDM	FLS10C114S-C27~C61	SFP+	10G	CWDM	10KM	DFB	PIN	6~0	-14.4	<1	LC	10GBASE-LR/LW
	FLS10C115S-C27~C37	SFP+	10G	CWDM	20/40KM	DFB	PIN	6~0	-14.4	<1	LC	10GBASE-LR/LW
	FLS10I242S-C47~C61	SFP+	10G	CWDM	40KM	EML	PIN	2~-2	-16	<1.8	LC	10GBASE-ER/EW
	FLS10I245S-C47~C61	SFP+	10G	CWDM	40KM	EML	PIN	2~-2	-16	<2	LC	10GBASE-ER/EW CDR
	FLS10I282S-C47~C61	SFP+	10G	CWDM	80KM	EML	APD	4~0	-23	<2	LC	10GBASE-ZR/ZW
	FLS10I285S-C47~C61	SFP+	10G	CWDM	80KM	EML	APD	4~0	-23	<2.5	LC	10GBASE-ZR/ZW CDR
SFP+ DWDM	FLS10I241S-D17~H61	SFP+	10G	DWDM	40KM	EML	PIN	2~-2	-16	<1.8	LC	10GBASE-ER/EW
	FLS10I244S-D17~H61	SFP+	10G	DWDM	40KM	EML	PIN	2~-2	-16	<2	LC	10GBASE-ER/EW CDR
	FLS10I281S-D17~H61	SFP+	10G	DWDM	80KM	EML	APD	4~0	-23	<2	LC	10GBASE-ZR/ZW
	FLS10I284S-D17~H61	SFP+	10G	DWDM	80KM	EML	APD	4~0	-23	<2.5	LC	10GBASE-ZR/ZW CDR

25G Series

应用

- Datacom 25GE Ethernet, 32GFC
- Datacenter intra-connection
- Telecom wireless access/CPRI eCPRI

特性

- Compliant with SFP+ MSA, SFF-8431, SFF-8472
- Support data rate up to 28.05Gbps
- Commercial 0°C~70°C or industrial temperature -40°C~85°C optional



Type	Part Number	Package	Wavelength	Reach	Transmitter	Receiver	TX output (dBm)	RX Sensitivity (dBm)	Power Consumption (W)	Interface	Application
SFP28 Transceiver	FLS25C010S	SFP28	850nm	100M	VCSEL	PIN	2~-4	-8.5	<1	LC	25GBASE-SR
	FLS25C030S	SFP28	850nm	300M	VCSEL	PIN	2~-4	-8.5	<1	LC	25GBASE-SR
	FLS25C110S	SFP28	1310nm	10KM	DFB	PIN	2~-4	-14	<1	LC	25GBASE-LR
	FLS32C110S	SFP28	1310nm	10KM	DFB	PIN	2~-4	-13	<1	LC	32GFC
SFP28 AOC	FLS25C011S-Lxx	SFP28	850nm	0.5M~30M	VCSEL	PIN	-	-	-	AOC	25GBASE-SR
SFP28 BIDI	FLS25C411S-C27	SFP28	1270nm/1330nm	10KM	DFB	PIN	2~-4	-13	<1	LC	25GBASE-LR
	FLS25I441S-C27	SFP28	1270nm/1330nm	40KM	DFB	APD	6~0	-18	<1	LC	25GBASE-ER
	FLS25I411S-C27	SFP28	1270nm/1310nm	10KM	DFB	PIN	2~-4	-13	<1	LC	25GBASE-LR
	FLS25I441S-C27	SFP28	1270nm/1310nm	40KM	DFB	APD	6~0	-18	<1	LC	25GBASE-ER
SFP28 DWDM	FLS25C113S-D17~H61	SFP28	DWDM	2KM	DFB	PIN	5~-3	-11.3	<2	LC	25GBASE-LR
	FLS25C115S-D17~H61	SFP28	DWDM	10KM	DFB	APD	4~-1	-19	<2	LC	25GBASE-LR
SFP28 CWDM	FLS25C112S-C27~C37	SFP28	CWDM	10KM	DFB	PIN	6~1	-14	<1	LC	25GBASE-LR
	FLS25C114S-C39~C61	SFP28	CWDM	10KM	EML	PIN	6~0	-14	<2	LC	25GBASE-LR
	FLS25C118S-C27~C37	SFP28	CWDM	10KM	DFB	APD	3~0	-13	<2	LC	25GBASE-LR
	FLS25C117S-C39~C61	SFP28	CWDM	10KM	EML	APD	3~0	-13	<2	LC	25GBASE-LR

40G Series

应用

- Datacom 40GE Ethernet
- Telecom OTN transmission

特性

- Compliant with QSFP+ MSA, SFF-8436, SFF-8472
- Commercial temperature 0°C~70°C



Type	Part Number	Pack age	Wavel ength	Reach	Trans mitter	Rece iver	TX out put (dBm)	RX Sen sitivity (dBm)	Power Consu mption (W)	Inter face	Appli cation
40G QSFP + SR4	FLS40C101S	QSFP+	850nm	100M	VCSEL	PIN	0.5~-7.5	-9.9	<1.5	MPO	40GBASE-SR4
	FLS40C103S	QSFP+	850nm	300M	VCSEL	PIN	1~-7.5	-9.9	<1.5	MPO	40GBASE-CSR4
40G QSFP + AOC	FLS40C00 5S-Lxx	QSFP+	850nm	0.5M~30M	VCSEL	PIN	-	-	-	AOC	40GBASE-SR4
40G QSFP + LR4	FLS40C210S	QSFP+	CWDM	10KM	DFB	PIN	2.3~-7	-11.3	<3.5	LC	40GBASE-LR4
40G QSFP + ER4	FLS40C240S	QSFP+	CWDM	40KM	DFB	PIN	2.3~-7	-19	<3.5	LC	40GBASE-ER4

100G Series

应用

- Datacom 100GE Ethernet, Datacenter interconnection and intra-connection
- Telecom OTN transmission

特性

- Compliant with QSFP28 MSA, SFF-8636, SFF-8472
- 4x25G electrical interface, 4x25G / 1x100G optical interface
- Commercial temperature 0°C~70°C



Type	Part Number	Pack age	Wavel ength	Reach	Trans mitter	Rece iver	TX output (dBm)	RXSensitivity (dBm)	Power Consu mption (W)	Inter face	Appli cation
100G QSFP28 SR4	FLS100 C010S	QSFP 28	850nm	100M	VCSEL	PIN	2.4~-8.4	-7.4	<3.5	MPO -8	100GBASE-SR4
100G QSFP28 AOC	FLS100C00 3S-Lxx	QSFP 28	850nm	0.5M~30M	VCSEL	PIN	-	-	-	AOC	100GBASE-SR4
100G QSFP 28 CWDM4	FLS100 C112S	QSFP 28	CWDM	2KM	DFB	PIN	2.5~-6.5	-10	<3.5	LC	100GBASE-CWDM4
	FLS100 C210S	QSFP 28	CWDM	10KM	DFB	PIN	2.5~-6.5	-11.5	<3.5	LC	100GBASE-CWDM4
100G QSFP 28 LR4	FLS100 C211S	QSFP 28	LWDM	10KM	DFB	PIN	4.5~-4.3	-10.6	<3.5	LC	100GBASE-LR4
	FLS100 C212S	QSFP 28	LWDM	10KM	DFB	PIN	4.5~-4.3	-10.6	<3.5	LC	100GBASE-LR4/OTU4
	FLS100 C910S-RX	QSFP 28	LWDM	10KM	-	PIN	-	-10.6	<2	LC	100GBASE-LR4
100G QSFP28 ER4	FLS100 C240S	QSFP 28	LWDM	40KM	EML	APD	4.5~-2.9	-18.6	<3.5	LC	100GBASE-ER4
100G QSFP28 ZR4	FLS100 C280S	QSFP 28	LWDM	80KM	EML	PIN +SOA	+2.0~6.5	-28	<6.5	LC	100GBASE-ZR4
100G QSFP 28 DR1	FLS100 C301S	QSFP 28	1310nm	500m	EML	PIN	-2.9~4.0	max(-3.9, SECC-5.3)	<4	LC	100GBASE-DR
100G QSFP 28 FR1	FLS100 C302S	QSFP 28	1310nm	2KM	EML	PIN	-3.1~4.0	max(-4.5, SECC-5.9)	<4	LC	100GBASE-FR
100G QSFP 28 LR1	FLS100 C303S	QSFP 28	1310nm	10KM	EML	PIN	-0.2~6.6	max(-6.1, SECC-7.5)	<4	LC	100GBASE-LR

200G&400G Series

应用

- Datacom 200GE&400GE Ethernet, Datacenter interconnection and intra-connection
- Telecom OTUCn transmission

特性

- Compliant with QSFP56 and QSFP-DD MSA, SFF-8472
- 200G: 4x50G PAM4 or 8x25G NRZ electrical interface, 4x50G PAM4 optical interface
- 400G: 8x50G PAM4 electrical interface, 8x50G PAM4 or 4x100G PAM4 optical interface
- Commercial temperature 0°C~70°C



Type	Part Number	Package	Data Rate	Wavelength	Reach	Transmitter	Receiver	TX output (dBm)	RX Sensitivity (dBm)	Power Consumption (W)	Interface	Application
200G QSFP56 SR4	FLS200 C010S	QSFP56	200G	850nm	100m	VCSEL	PIN	-6.5~4	-8.4	<4	MPO-8	200GB ASE-SR4
200G QSFP56 AOC	FLS200 C003S-Lxx	QSFP56	200G	850nm	30m	VCSEL	PIN	-	-	<4	AOC	200GB ASE-SR4
200G QSFP-DD LR4	FLS200 C100S	QSFP-DD	200G	LWDM	10km	EML	PIN	-0.4~5.1	-7.7	<9	LC	200GB ASE-LR4
400G QSFP-DD SR8	FLS400 C010S	QSFP-DD	400G	850nm	100m	VCSEL	PIN	-4.5~3	-6.5	<10	MPO16	400GB ASE-SR8
400G QSFP-DD AOC	FLS400 C003S-Lxx	QSFP-DD	400G	850nm	100m	VCSEL	PIN	-	-	-	AOC	400GB ASE-SR8
400G QSFP-DD DR4	FLS400 C005S	QSFP-DD	400G	1310nm	500m	EML	PIN	-0.8~4.2	-4.4	<10	MPO-8	400G DR4
400G QSFP-DD FR4	FLS400 C020S	QSFP-DD	400G	CWDM	2km	EML	PIN	-0.2~3.7	-4.6	<10	LC	400GE FR4

>> 波分传输子系统 WDM Subsystem



无源波分子系统 Passive WDM Subsystem

无源波分系列是将一系列载有信息、但波长不同的光信号合成一束，沿着单根光纤传输。在发送端经复用器(亦称合波器, Multiplexer)汇合在一起，并耦合到光线路的同一根光纤中进行传输的技术；在接收端，经解复用器(亦称分波器或称去复用器, Demultiplexer)将各种不同波长的光信号分开，然后由光接收机作进一步处理以恢复原信号。

特性

- Realize the service reuse of 1-core optical fiber at 1:6,1:8,1:1:12 or 1:18, and realize the compression of optical cable resources by 6~18 times
- Support for CPRI option1~10 and eCPRI rate
- Compatible with SFP + and SFP28 colored transceiver
- Compatible with the BBU equipment and RRU equipment of mainstream manufacturers



1.5U子系统



3U子系统