

532nm/633nm In-Line Polarizer ILP

Features

Low Insertion Loss

High Return Loss

High Extinction Ratio

High stability and reliability

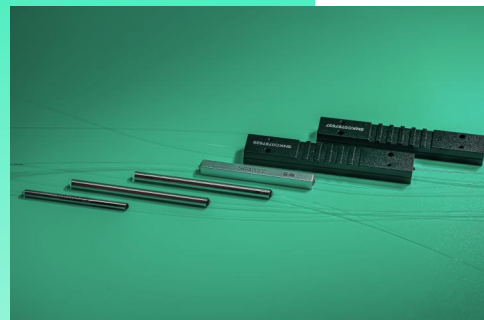
Applications

Communication Systems

Test Instrument

Fiber Sensors

Product development



Parameter	Spec	Unit
Center Wavelength	532,633	nm
Operating Wavelength Range	± 10	nm
Typ. Insertion Loss @23°C	1.3	dB
Max.Insertion Loss @23°C	1.5	dB
Min. Return Loss	50	dB
Typ. Extinction Ratio @23°C	24	dB
Min. Extinction Ratio @23°C	22	dB
Fiber Type for Input & Output	SM→SM or SM→PM or PM→PM	/
Max. Optical Power(CW)	300	mW
Max. Tensile Load	5	N
Operating temperature	-5~+70	°C
Storage temperature	-40~+85	°C

Order Information

- ☐ Wavelength: 532=532nm 633=633nm SSS=Specified
- ☐ Fiber Type: 1=SM→SM 2=SM→PM 3=PM→PM
- ☐ Working axis: F=Fast Axis Block N=Non-PM
- ☐ Input Fiber Type: 096=PM630-HP 097=460-HP 105=PM460-HP 106=630-HP SSS=Specified
- ☐ Onput Fiber Type: 096=PM630-HP 097=460-HP 105=PM460-HP 106=630-HP SSS=Specified
- ☐ Package Dimensions: 0=33×17×11.5mm S=Specified
- ☐ Pigtail Type: 0=Bare Fiber 1=900μm Buffer Tube
- ☐ Fiber length: 0.8=0.8m 1.0=1m S=Specified
- ☐ Input Connector Type: 0=FC/UPC 1=FC/APC 2=SC/UPC 3=SC/APC N=None S=Specified
- ☐ Output Connector Type: 0=FC/UPC 1=FC/APC 2=SC/UPC 3=SC/APC N=None S=Specified

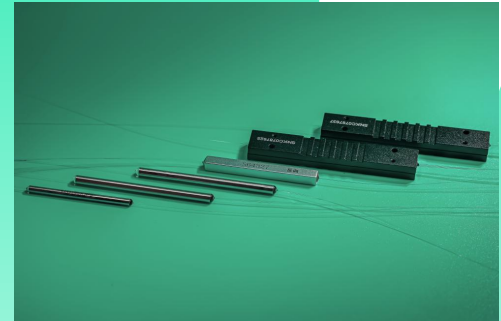
780-2050nm Polarizer

Features

- Low Insertion Loss
- High Return Loss
- High Extinction Ratio
- High stability and reliability

Applications

- Communication Systems
- Test Instrument
- Fiber Sensors
- Product development



Parameter	Spec								Unit
Center Wavelength	2000	1550	1310	1064	980	850	780		nm
Operating Wavelength Range	±50	±50	±50	±30	±10	±10	±10		nm
Typical Insert loss @23°C	0.8	0.3	0.3	0.5	0.6	0.6	0.6		dB
Max. Insertion Loss @23°C	1.0	0.5	0.5	0.7	0.8	0.8	0.8		dB
Min. Return Loss	50	50	50	50	50	50	50		dB
Typical extinction ratio @23°C	22	30	30	30	30	28	28		dB
Min. Extinction Ratio @23°C	20	28	28	28	28	25	25		dB
Input & Output Fiber Type	SM→SM or SM→PM or PM →PM								/
Max. Optical Power(CW)	300								mW
Max. Tensile Load	5								N
Operating temperature	-5~+70								°C
Storage temperature	-40~+85								°C

Order Information

- ☐ Wavelength: 2000=2000nm 1550=1550nm 1064=1064nm 980=980nm SSSS=Specified
- ☐ Fiber Type: 1=SM→SM 2=SM→PM 3=PM→PM
- ☐ Working axis: F=Fast Axis Block N=Non-PM
- ☐ Fiber Type (Input): 001=PM1550 003=PM980 004=Hi 1060 007=780-HP 045=PM1950 SSS=Specified
- ☐ Fiber Type(Output): 001=PM1550 003=PM980 004=Hi 1060 007=780-HP 045=PM1950 SSS=Specified
- ☐ Package Dimensions: 0=φ5.5×35mm S=Specified
- ☐ Pigtail Type: 0=250um Bare Optical Fiber 1=900μm Buffer Tube S=Specified
- ☐ Fiber length: 0.8=0.8m 1.0=1m S=Specified
- ☐ Connector Type(Input): 0=FC/UPC 1=FC/APC 2=SC/UPC 3=SC/APC N=None S=Specified
- ☐ Connector Type(Output): 0=FC/UPC 1=FC/APC 2=SC/UPC 3=SC/APC N=None S=Specified

532nm/633nm PM Beam Splitter/Combiner

Features

- Low Insertion
- High Return Loss
- High Extinction Ratio
- High stability and reliability

Applications

- Optical Fiber Current Sensor
- Fiber Sensors
- Optical Fiber Gyroscope
- Coherent telecommunication systems



Parameter	Spec	Unit
Center Wavelength	532,633	nm
Operating Wavelength Range	± 15	nm
Typical Insert loss @23°C	1.3	dB
Max. Insertion Loss @23°C	1.5	dB
Min. Extinction Ratio @23°C	18	dB
Min. Directionality	50	dB
Min. Return Loss	50	dB
Max. Optical Power(CW)	300	mW
Max. Tensile Load	5	N
Fiber Type	Port 1 & 2 Port 3	PM Panda fiber SM fiber or PM Panda fiber
Operating temperature	-5~+70	°C
Storage temperature	-40~+85	°C

Order Information

- ☐ Wavelength: 532=532nm 633=633nm SSS=Specified
- ☐ 2-Port 3 to 1,2 Type: 1 = SM Fiber to PM Fiber
2 =PM Fiber to PM Fiber Port 3 is slow axis 0° aligned to Port 1
3 =PM Fiber to PM Fiber, Port 3 is slow axis 45° aligned to Port 1
- ☐ Port 3 Fiber Type: 096=PM630-HP 097=460-HP 105=PM460-HP 106=630-HP SSS=Specified
- ☐ Port 1,2 Fiber Type: 096=PM630-HP 097=460-HP 105=PM460-HP 106=630-HP SSS=Specified
- ☐ Package Dimensions: 0= $\phi 33 \times 17 \times 11.5$ mm S=Specified
- ☐ Pigtail Type: 0=250 μ m Bare Optical Fiber 1=900 μ m Buffer tube
- ☐ Fiber Length: 0.8=0.8m 1.0=1m S=Specified
- ☐ Connector Type: 0=FC/UPC 1=FC/APC 2=SC/UPC 3=SC/APC N=None S=Specified

780-2050nmPM Beam Splitter / Combiner

Features

Low Insertion

High Return Loss

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High stability and reliability

Applications

Optical Fiber Current Sensor

Fiber Sensors

Optical Fiber Gyroscope

Coherent telecommunication systems



Parameter		Spec							Unit	
Grade		P	A	P	A	P	A	P	A	/
Center Wavelength		2050,2000,1950		1550,1480,1310		1064,1030,980		850,808,780		nm
Operating Wavelength Range		±40		±40		±20		±10		nm
Typical Insert loss @23℃		0.6	0.8	0.4	0.5	0.6	0.7	0.6	0.7	dB
Max. Insertion Loss @23℃		1.0	1.2	0.6	0.7	0.8	0.9	0.8	0.9	dB
Min. Extinction Ratio @23℃		20	18	22	20	22	20	22	20	dB
Min. Directionality										dB
Min. Return Loss										dB
Max. Optical Power(CW)										mW
Max. Tensile Load										N
Fiber Type	Port 1 & 2	PM Panda fiber							/	
	Port 3	SM fiber or PM Panda fiber							/	
Operating temperature		-5~+70								℃
Storage temperature		-40~+85								℃

Order Information

- ☐ Wavelength: 2000=2000nm 1550=1550nm 1064=1064nm 780=780nm SSSS=Specified
- ☐ Port 3 to 1,2 Type: P=Perfect grade A=A grade
- ☐ Port 3 Fiber Type: 1=SM Fiber to PM Fiber
2=PM Fiber to PM Fiber Port 3 is slow axis 0°aligned to Port 1
3=PM Fiber to PM Fiber Port 3 is slow axis 45°aligned to Port 1
- ☐ Port 1,2 Fiber Type: 001=PM1550 003=PM980 004=Hi 1060 008=SMF-28E 007=780-HP SSS=Specified
- ☐ Package Dimensions: 001=PM1550 002=PM1310 003=PM980 067=PM780-HP SSS=Specified
- ☐ Pigtail Type: 0=φ5.5×35mm S=Specified
- ☐ Fiber Length: 0=bare fiber 1=900μm Buffer Tube
- ☐ Connector Type: 0.8=0.8m 1.0=1m S=Specified
- ☐ Wavelength: 0=FC/UPC 1=FC/APC 2=SC/UPC 3=SC/APC N=None S=Specified