

偏波保持アイソレータ

PM Isolator 980, 1030, 1040, 1064, 1080, 1310, 1480, 1550nm



Specifications	Single Stage	Dual Stage	High Power	Single Stage
Center Wavelength	1310, 1480, 1550nm	1310, 1480, 1550nm	1310, 1480, 1550nm	980nm
Isolation	42dB(typ), 32dB(min)	58dB(typ), 46dB(min)	42dB(typ), 32dB(min)	30dB(typ), 25dB(min)
Extinction Ratio	>20dB	>20dB	>20dB	>20dB
Insertion Loss	0.4dB (typ) 0.55dB (Max)	0.5dB (typ) 0.65dB (max)	0.4dB (typ) 0.6dB(max)	- 1.0dB (max)
Return Loss (in/out)	>55/50dB	>55/50dB	>55/50dB	>50/50dB
Max. Optical Power	300mW	300mW	1000mW	1000mW
Fiber Type	PM PANDA	PM PANDA	PM PANDA	PM980 Panda
Operating Temperature	-5°C to +70°C	-5°C to +70°C	-5°C to +70°C	0°C to +60°C
Storage Temperature	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C	-20°C to 75°C
Dimensions	5.5x55mm	5.5x55mm	5.5x55mm	7x60mm

Specifications	1064nm Single Stage	1064nm Dual Stage	1064nm High Power	1040nm High Power
Center Wavelength	1064nm	1064nm	1064nm	1040nm
Isolation	38dB(typ), 35dB(min)	55dB(typ), 45dB(min)	30dB(typ), 25dB(min)	20dB(typ), 18dB(min)
Extinction Ratio	>20dB	>20dB	>20dB	>18dB
Insertion Loss	1.5dB (typ) 2.0dB (max)	2.4dB (typ) 3.4dB (max)	0.8dB(typ) 1.2dB(max)	- 1.5dB(max)
Return Loss (in/out)	>55/50dB	>55/50dB	>50/50dB	>50/50dB
Handling Optical Power	300mW	300mW	3000mW	3000mW
Fiber Type	PM980 Panda	PM980 Panda	PM980 Panda	PM980 Panda
Operating Temperature	-5°C to +50°C	-5°C to +50°C	0°C to +60°C	0°C to +60°C
Storage Temperature	-40°C to 85°C	-40°C to 85°C	-20°C to +75°C	-20°C to +75°C
Dimensions	5.5x55mm	5.5x55mm	28x110x45mm	28x110x45mm

Specifications	1030nm Single Stage	1030nm Dual Stage	1040nm Single Stage	1040nm Dual Stage
Center Wavelength	1030nm	1030nm	1040nm	1040nm
Isolation	25dB(typ), 20dB(min)	45dB(typ), 40dB(min)	32dB(typ), 30dB(min)	42dB(typ), 40dB(min)
Extinction Ratio	>16dB	>16dB	>16dB	>16dB
Insertion Loss	3.0dB (typ) 3.8dB (max)	5.0dB (typ) 7.5dB (max)	2.4dB (typ) 3.2dB (max)	4.0dB (typ) 5.5dB (max)
Return Loss (in/out)	>55/50dB	>55/50dB	>55/50dB	>50/50dB
Handling Optical Power	50mW	50mW	50mW	50mW
Fiber Type	PM980 Panda	PM980 Panda	PM980 Panda	PM980 Panda
Operating Temperature	-5°C to +50°C	-5°C to +50°C	-5°C to +50°C	-5°C to +50°C
Storage Temperature	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C
Dimensions	5.5x55mm	5.5x55mm	5.5x55mm	5.5x55mm

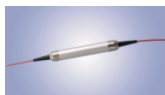
Specifications	1080nm Single Stage	1080nm Dual Stage	1080nm High Power	1080nm High Power
Center Wavelength	1080nm	1080nm	1080nm	1080nm
Isolation	35dB(typ), 32dB(min)	52dB(typ), 42dB(min)	35dB(typ), 32dB(min)	25dB(typ), 22dB(min)
Extinction Ratio	>20dB	>20dB	>20dB	>18dB
Insertion Loss	1.5dB (typ) 2.0dB (max)	2.4dB (typ) 3.4dB (max)	1.2dB(typ) 1.4dB(max)	0.8dB(typ) 1.2dB(max)
Return Loss (in/out)	>50/50dB	>50/50dB	>50/50dB	>50/50dB
Handling Optical Power	300mW	300mW	500mW	3000mW
Fiber Type	PM980 Panda	PM980 Panda	PM980 Panda	PM980 Panda
Operating Temperature	0°C to +50°C	0°C to +50°C	0°C to +60°C	0°C to +60°C
Storage Temperature	-40°C to 85°C	-40°C to 85°C	-20°C to +75°C	-20°C to +75°C
Dimensions	5.5x55mm	5.5x55mm	7x60mm	28x110x45mm

Above specifications are for device without connectors

Model Number: OLISO - P - [stage type] - [wavelength] - [handling power] - [pigtail type] - [connector]

S=Single Stage	098=980nm	50=50mW	25=250um fiber	FU=FC/UPC
D=Dual Stage	103=1030nm	300=300mW	90=900um tube	FA=FC/APC
	104=1040nm	500=500mW	3=3mmcable	SU=SC/UPC
	106=1064nm	1000=1000mW		SA=SC/APC
	108=1080nm	3000=3000mW		NC=No connector
	131=1310nm			
	148=1480nm			
	155=1550nm			

その他波長も対応可能です。
お問い合わせください。



偏波無依存アイソレータ

Polarization Independent Isolator 840, 1064, 1080, 1310, 1480, 1550nm



Specifications	Polarization Independent Isolator		Broadband Polarization Independent	
	Single Stage	Dual Stage	Single Stage	Dual Stage
Center Wavelength	1310nm, 1480nm, 1550nm		1460nm to 1620nm	
Insertion Loss(Typ)	0.35dB	0.4dB	0.5dB	0.6dB
Insertion Loss(Max)	0.5dB	0.55dB	0.7dB	0.8dB
Isolation (Max)	42dB	58dB	42dB	50dB
Isolation (Min. at 23°C, CW ±15nm)	32dB	46dB	20dB	35dB
Polarization Dependet Loss(Max)	0.05dB	0.05dB	0.07dB	0.07dB
Polarization Mode Dispersion(Max)	0.2ps	0.05ps	0.2ps	0.05ps
Min. Return Loss (input/output)	60/55dB	60/55dB	60/55dB	60/55dB
Handling Optical Power(Max)	300mW (1000mW available)			
Operating Temperature	-5°C to +70°C	-5°C to +70°C	-5°C to +70°C	-5°C to +70°C
Storage Temperature	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C
Dimensions	5.5x55mm	5.5x55mm	5.5x55mm	5.5x55mm

Specifications	Single Stage	Single Stage	Dual Stage	High Power
Center Wavelength	840nm	1064nm	1064nm	1064nm
Bandwidth	-	+/-5nm	+/-5nm	+/-5nm
Peak Isolation (Typ)	35dB	40dB	55dB	35dB
Min. Isolation (at 23°C, CW ±10nm, all SOP)	28dB	30dB	45dB	30dB
Insertion Loss (Typ at CW, all SOP)	1.0dB	1.5dB	2.4dB	1.0dB
Insertion Loss (Max at CW, all SOP)	1.4dB	2.0dB	3.4dB	1.2dB
Return Loss (input/output)	>50/50dB	>55/50dB	>55/50dB	>50/50dB
Max. Polarization Dependet Loss	0.2dB(at 23°C)	0.15dB(at 23°C)	0.15dB(at 23°C)	0.15dB
Max. Optical Power	500mW	300mW	300mW	3000mW
Fiber Type	HI 780	HI 1060	HI 1060	HI 1060
Operating Temperature	0°C to +60°C	-5°C to +50°C	-5°C to +50°C	0°C to +50°C
Storage Temperature	-20°C to 75°C	-40°C to 85°C	-40°C to 85°C	-20°C to 75°C
Dimensions	86x28x27mm	5.5x55mm	5.5x55mm	28x110x45mm

Specifications	Single Stage	Dual Stage	High Power	High Power
Center Wavelength	1080nm	1080nm	1080nm	1080nm
Bandwidth	+/-5nm	+/-5nm	+/-5nm	+/-5nm
Peak Isolation (Typ)	40dB	55dB	35dB	25dB
Min. Isolation (at 23°C, CW ±10nm, all SOP)	30dB	45dB	32dB	22dB
Insertion Loss (Typ at CW, all SOP)	1.5dB	2.4dB	1.2dB	0.8dB
Insertion Loss (Max at CW, all SOP)	2.0dB	3.4dB	1.4dB	1.2dB
Return Loss (input/output)	>55/50dB	>55/50dB	>50/50dB	>50/50dB
Max. Polarization Dependet Loss	0.15dB	0.15dB	0.15dB	0.15dB
Max. Optical Power	300mW	300mW	500mW	3000mW
Fiber Type	HI 1060	HI 1060	HI 1060	HI 1060
Operating Temperature	-5°C to +50°C	-5°C to +50°C	0°C to +50°C	0°C to +50°C
Storage Temperature	-40°C to 85°C	-40°C to 85°C	-20°C to 75°C	-20°C to 75°C
Dimensions	5.5x55mm	5.5x55mm	7.0x60mm	28x110x45mm

Above specifications are for device without connectors

Model Number

OLISO - I - [stage type] - [wavelength] - [handling power] - [pigtail type] - [connector]

S=Single Stage	084=840nm	300=300mW	25=250um fiber	FU=FC/UPC
D=Dual Stage	106=1064nm	500=500mW	90=900um tube	FA=FC/APC
	108=1080nm	1000=1000mW	3=3mmcable	SU=SC/UPC
	131=1310nm	3000=3000mW		SA=SC/APC
	148=1480nm			NC=No connector



偏波保持タイプおよび偏波無依存タイプとも
その他波長も対応可能です。お問い合わせ下さい。