

Mini Optical (TGG Type) Isolator: Polarization-Maintaining (PM) (532, 635, 650, 780, 850, 980, 1030, 1060nm)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter		Unit	532nm	635nm	650nm	780nm	850nm	980nm	1030nm	1060nm
Isolation (λ_c) (23°C, All SOP)	Typ.	dB	26	26	26	28	28	30	30	30
	Min	dB	23	23	23	24	24	25	25	25
Insertion Loss (Fast Axis Blocked)	Max	dB	2.0	1.8	1.8	1.5	1.5	1.2	1.2	1.2
Extinction Ratio	Min	dB	18	18	18	20	20	20	20	20
Return Loss	Min	dB	45	45	45	45	45	45	45	45
Optical Power Handling	Max	mW	50	100	100	150	150	250	250	250
Package Dimension	Cylinder	mm	$\Phi 15 \times L60$	$\Phi 15 \times L60$	$\Phi 15 \times L60$	$\Phi 15 \times L75$	$\Phi 15 \times L75$	$\Phi 15 \times L90$	$\Phi 15 \times L90$	$\Phi 15 \times L90$
Operating Temperature		°C	10 to 50							
Storage Temperature		°C	0 to 60							

* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, &ER.

* The connector key is aligned to slow axis.

Ordering Information

Contact Hengyan Photonics with your custom configuration needs.

PMVIS	Wavelength	Fiber Type	Cable Type	Fiber Length	Connector	Package	Max. Power* (Optional)
PMVIS	532=532nm 635=635nm 650=635nm 780=780nm 850=850nm 980=980nm 1030=1030nm 1060=1060nm	PM=Polarization-Maintaining PM460HP PM630HP PM780HP PM980	B=250um L=900um H=3mm X=Others	10=1.0m 15=1.5m 20=2.0m 30=3.0m X=Others	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC	1560= $\Phi 15 \times L60$ 1575= $\Phi 15 \times L75$ 1590= $\Phi 15 \times L90$ X=Others	X=Others
	X=Others	X=Others			X=Others		

* Max. Power affects other specifications.

Package Dimensions

