

Polarization Insensitive Isolator

FEATURES:

- High isolation
- Low insertion loss
- High return loss

APPLICATIONS:

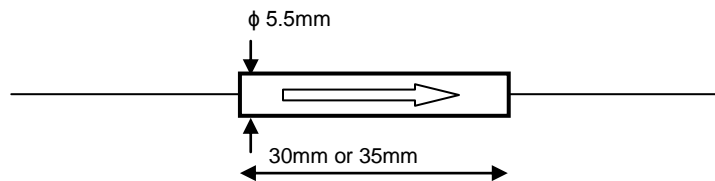
- Amplifiers
- Communications systems
- Optical fiber sensors
- Optical test instrumentation

The Phoenix polarization insensitive isolator offers high isolation properties for applications in telecommunications, fiber optic sensing, bio-medical, and photonics research.

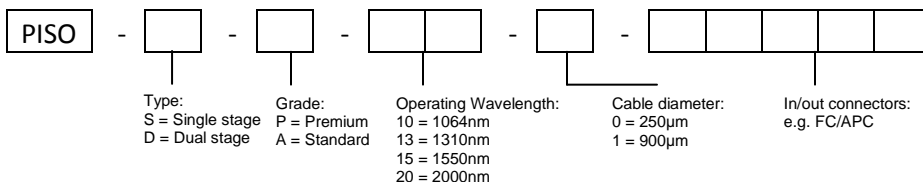
SPECIFICATION		Single stage		Dual stage		Single stage
		P	A	P	A	A
Grade		P	A	P	A	A
Operating wavelength	nm	1310 ±15 or 1550 ±15				2000 ±20
Minimum Isolation	dB	30	30	50	48	16
Insertion loss typ.	dB	0.3	0.4	0.4	0.6	1.5
Insertion loss max.	dB	0.5	0.6	0.6	0.8	2
PDL	dB	0.05	0.1	0.1	0.15	0.15
PMD	ps	0.25		0.05		0.25
Return loss (in/out)	dB	60/55				50/50
Power handling	mW	500				
Operating temperature	°C	-5 to +70				
Storage temperature	°C	-40 to +85				
Package dimensions	mm	φ5.5 x L30				φ5.5 x L35

PACKAGE STYLE:

Stainless steel tubing



PRODUCT ORDERING INFORMATION:



Phoenix Photonics Limited

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