



Polarization Insensitive Inline Optical Isolator

SPECIFICATIONS

Parameter	Unit	Dual Stage
Center Wavelength (λ_c)	nm	1560
Peak Isolation (Typ.)	dB	50
Isolation ($\lambda_c \pm 5\text{nm}$, 23°C, All SOP)	dB	≥ 38
Insertion Loss (λ_c , 23°C, All SOP)	dB	≤ 1.0
Insertion Loss ($\lambda_c \pm 5\text{nm}$, 0-70°C, All SOP)	dB	≤ 1.5
Optical Return Loss (Input/Output)	dB	30
Fiber Tensile Load	N	5
Fiber Type	Input	nLIGHT Passive-20/125DC Fiber
	Output	Coractive DCF-UN-70/250-20 Fiber
Fiber Sleeve	-	900um Loose Tube
Fiber Length	m	1.0
Connector Type	-	None
Max. Average Optical Power	W	3
Max. Peak Power for ns pulse	kW	10
Operating Temperature	°C	0~70
Storage Temperature	°C	-40~85
Package Dimension	mm	(Φ)5.5x62

- Note:**
1. SOP= State of Polarization
 2. Specifications are for device without connectors.
 3. For devices with connectors, IL will be 0.3dB higher, RL will be 10dB lower.
 4. Devices for higher average power and higher peak power are also available per request.
 5. Specifications are tested at low order modes.

ORDERING INFORMATION

PN: FISO-2416-114071