1064nm 20W Expanded-Beam Isolator

Features

·Low Insertion Loss and High Isolation
·High Extinction Ratio
·Return Loss and High Reliability
·Excellent Environmental Stability and Reliability
·RoHS 6/6 compliant

Applications

·Fiber Amplifier
·Fiber Lasers Output Isolation

Specifications

Parameters	Unit	Specification
Center Wavelength (λc)	nm	1064
Typ.Peak Isolation	dB	35
Min Isolation at 23℃,λc all polarization states	dB	28
Max.Insertion Loss,23℃,λc	dB	0 5
Max.Polarization Dependent Loss	dB	0.1
M^2 Degradation	%	<10
Beam Roundness	%	>90
Min.Return Loss	dB	50
Max. Average Optical Power	W	20
Max. Peak Power for ns Pulse	KW	20
Max. Tensile Load	N	5
Fiber Type		Liekki PASSIVE-20/125DC
Nominal Output Beam Diameter($1/e^2$)	mm	7±1
Operating Temperature Range	°C	10 to +50
Storage Temperature Range	°C	0 to +60

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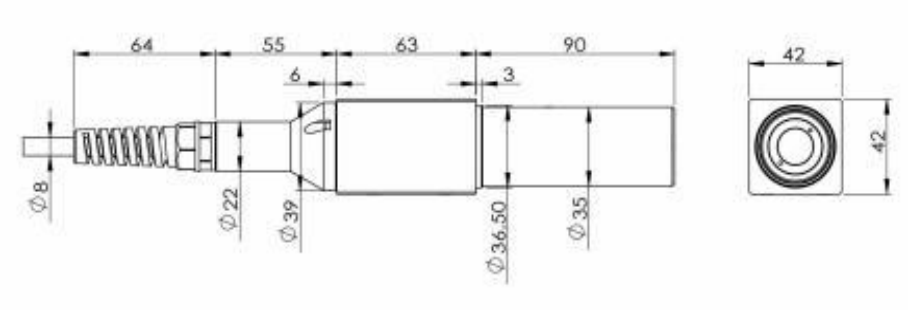
Dimensions



Ordering Information：IL —①①—②②—③—④—⑤—⑥

①①	②②	③	④	⑤	⑥
Wavelength	Handling Power	Fiber Jacket	Fiber Length	Fiber Type	Power Type
06: 1064nm SS: Specify	20: 20W	B: Bare fiber 8: 8mm armoured cable with yellow PVC tube S: Specify	2: 2.0 m 3: 3.0 m S: Specify	B: Liekki PASSIVE-20/125DC S: Specify	P: Pulsed C: Continuous wave

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