

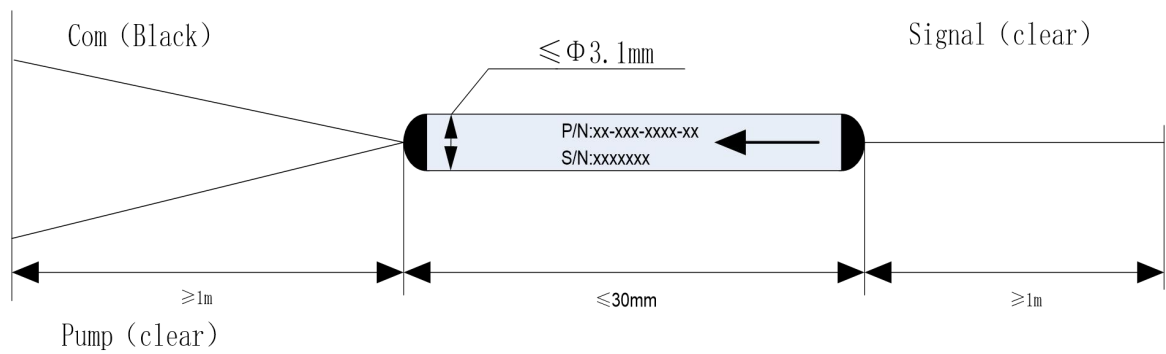
Mini 980/1550nm WDM/Isolator Hybrid

5mm bending radius Mini ISO+980WDM

Optical Specifications

Performance Specifications							
Parameters				Unit	Specifications		
Signal band				nm	1528~1568		
pump band				nm	970~990		
Insertion loss @ Signal ↔ Common@23℃			Max	dB	0.7		
Insertion loss @ Pump ↔ Common@23℃			Max	dB	0.4		
Insertion loss @ Pump ↔ Common@-5℃ to 75℃			Max	dB	0.5		
Ripple @ Single to Common			Max	dB	0.2		
Isolation	Signal ↔ Common @Pump band		Min	dB	30		
	Common →Signal @Signal band		Min	dB	20		
	Pump ↔ common @Signal band		Min	dB	18		
Polarization Dependent Loss			Max	dB	0.1 (0.05 Typ.)		
Fiber Macrobend Loss (diameter:10mm,5turns)@signal			Max	dB	0.5		
Polarization Mode Dispersion			Max	ps	0.05		
Temperature Dependent Loss			Max	dB	0.15		
Directivity			Min.	dB	50		
Optical Return Loss			Min.	dB	50		
Operating Temperature		℃	-5 ~ 75	Max. Optical Power		mw	≧ 500
Storage Temperature		℃	-40 ~ 85	Operating Humidity		%	5 ~ 95
Packaging Specifications							
Package Size	mm	Φ 3.0+/-0.1*L30 or less		Fiber Length		m	≧ 1.0
Fiber Type	Pump and Common port: OFS 980-20,bare fiber Signal port: OFS EZ-Bend Fiber						
Fiber minimum optical and mechanical bending radius @signal				mm		5	
Fiber color		Common black					

Mechanical Specifications



Package Specifications

Standard.

Other Requirement

N/A

Datasheet Requirement

Standard.