

## Product Information

### WDM/ISOLATOR HYBRID (IWDM)



#### Features

- Low PDL
- Low Insertion Loss
- Excellent Uniformity
- High Directivity
- Highly Stable and Reliable

#### Applications

- Telecommunications
- Local Area Network (LAN)
- Passive Optical Network (PON)
- Cable TV
- Fiber sensors

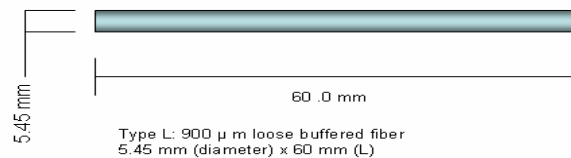
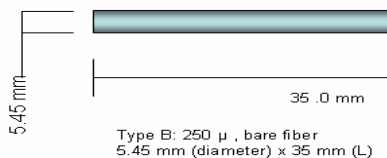
## Product Performance Characteristics

Parameters	980/1550 nm + Isolator		1480/1550 nm + Isolator	
	Single stage	Dual stage	Single stage	Dual stage
Signal Wavelength Range (nm)	1530~1565	1530~1580	1530~1565	1530~1580
Pump Wavelength Range (nm)	950~1010		1450~1495	
Max. Insertion in Reflection (dB)	0.6			
Max. Insertion in Transmission (dB)	0.7	1.0	0.7	1.0
Min. Isolation in Band (dB) (@ 23°C)	30	43	30	43
Min. Return Loss (dB)	50			
Min. Directivity (dB)	55			
Max. PDL (dB)	0.1	0.15	0.1	0.15
Max. PMD (ps)	0.25	0.1	0.25	0.1
Power Handling (Max.)	300mW			
Operation Temperature	- 5°C ~ 65°C			

Special dimension upon request

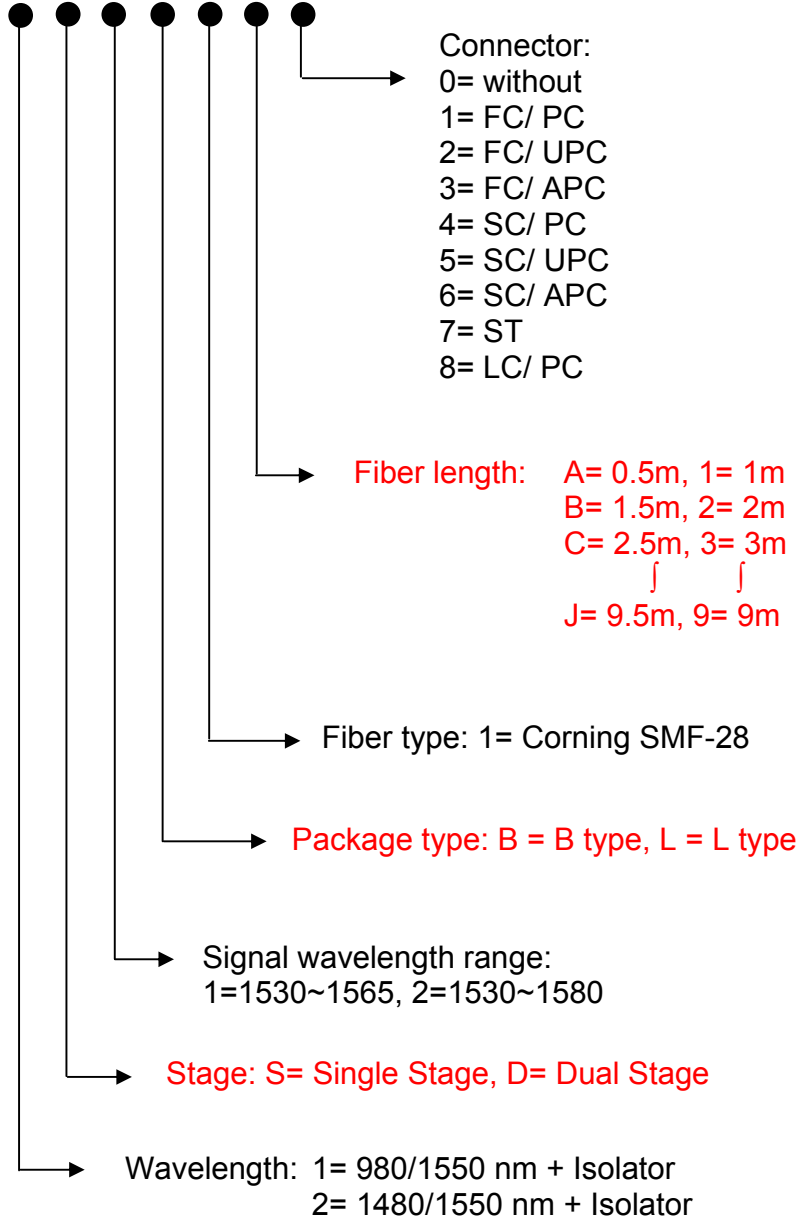
## Mechanical Outline

Package type	Housing type	Dimension	Pigtail style
Type B	Steel tube	5.45 mm (Ø) x 35 mm (L)	250µm bare fiber
Type L	Steel tube	5.45 mm (Ø) x 60 mm (L)	900µm loose buffered fiber



## Ordering information

### IWDM-X-X-X-X-X-X-X-UM



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