

Fused Fiber Visible Wavelength Division Multiplexer (SWDM)

Model #: SWDM

Description: Fused Fiber Visible Wavelength Division Multiplexer

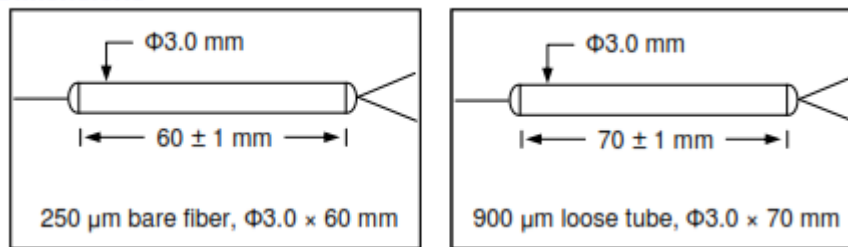
Application: Fiber amplifier, fiber laser, fiber sensor, WDM module and systems, test and measurement equipment.

Specifications:

Parameter	Unit	Specifications	
Central Wavelength	nm	635/532, 635/488, 532/488 or specify	
Operating Wavelength Range	nm	$\lambda_c \pm 2$	
Max. Insertion Loss	dB	0.5	
Typ. Insertion Loss	dB	0.3	
Thermal Stability	dB/°C	≤ 0.002 over -5 to +70 °C	
Min. Return Loss	dB	50	
Min. Directivity	dB	50	
Max. Optical Power (CW)	mW	300	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	
Dimension	Bare fiber	mm	3.0 (D) x 60 (L)
	900 μ m loose tube		3.0 (D) x 70 (L)
Fiber Type		Nufern 460-HP fiber	

Note: each connector may contribute extra 1.5 dB IL, and 5 dB lower RL. The optical power is 50 mW only if connector is added.

Package Dimensions



Ordering Information: SWDM-A-BBBB-C-D-E-F

A: Configuration	BBBBB: wavelength	C: connector type	D: fiber jacket	E: fiber length
1 – 1 x 2	635532 – 635 & 532 nm	1 - FC/UPC	B - 250 μ m Panda fiber	H – 0.75 m
2 – 2 x 2	635488 – 635 & 488 nm	2 - FC/APC	L - 900 μ m loss tube	1 – 1.0 m
	532488 – 532 & 488 nm	3 - SC/UPC	X - other	X - other
	X - other	4 - SC/APC		
		N - none		
		X - other		