

Dual Cladding WDM/Isolator Hybrid

Features

- Low Insertion Loss
- Low polarization sensitivity
- High Optical Power
- Dual Cladding Fiber

Applications

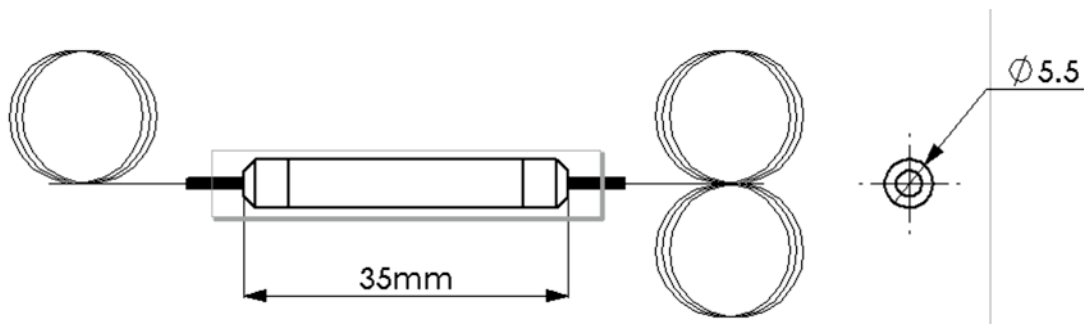
- EDFA
- WDM System
- CATV



Performance Specifications

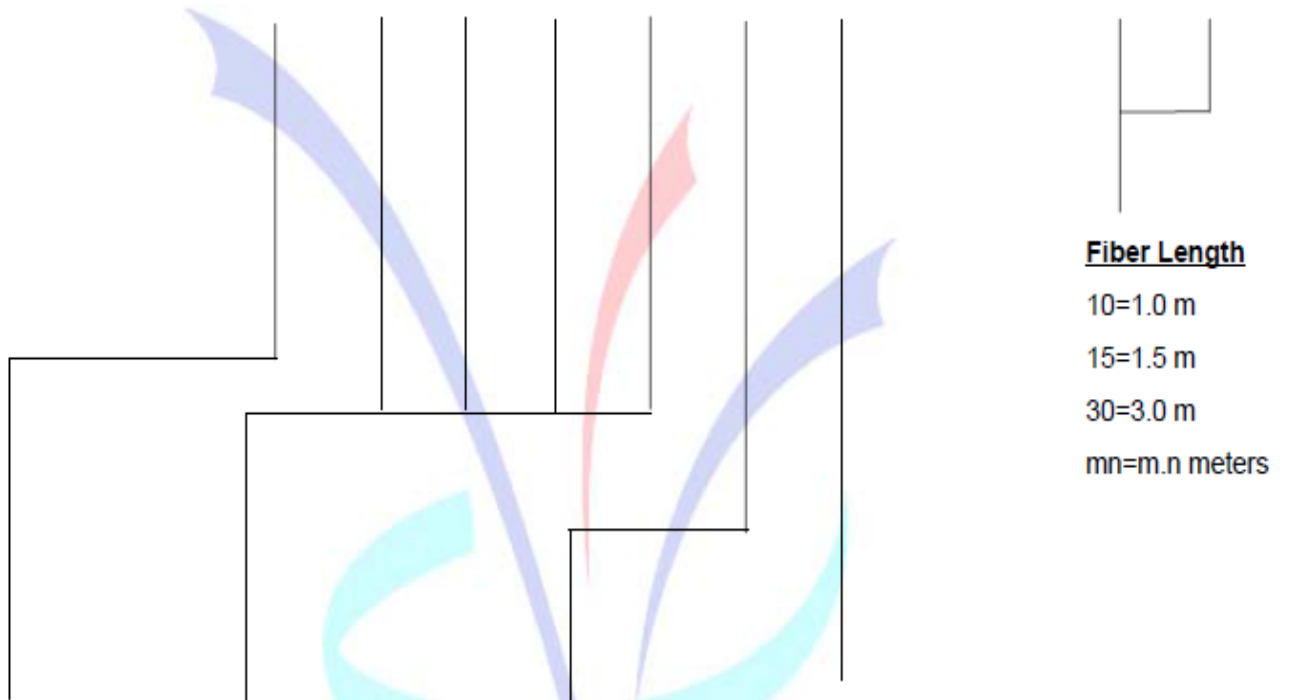
Parameters		Specification	Unit
Singlemode	Wavelength Range (λ_s)	1530 – 1570	nm
	Optical Power	≤ 300	mw
	Insertion Loss at λ_s	≤ 0.9	dB
	Isolation	≥ 25	dB
	Directivity	≥ 40	dB
	PDL	≤ 0.15	dB
	Return Loss @ P & C	≥ 48	dB
Multimode	Wavelength Range (λ_p)	910-970	nm
	Optical Power	≤ 5000	mw
	Insertion Loss at λ_p	≤ 0.5	dB
Operating Temperature		-15 to 70	$^{\circ}\text{C}$
Storage Temperature		-40 to 85	$^{\circ}\text{C}$
Fiber Type	Signal	Corning SMF-28	
	Reflect	105/125 Multimode Fiber	
	Common	5/105/125 or 9/105/125 Dual Cladding Fiber	
Package Dimensions		ϕ 5.5 x 35mm typical	

Mechanical Dimensions(mm)



P/N Scheme: Hybrid (WDM + Isolator)

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Fiber Length

- 10=1.0 m
- 15=1.5 m
- 30=3.0 m
- mn=m.n meters

<u>Stage</u>	<u>Wavelength/Band</u>	<u>Pump Configuration</u>	<u>Fiber Jacket</u>	<u>Connectors</u>
1 = Single	9815 = 980/1550 nm	F = Forward	A =250 μm bare fiber	0=none A=FC/PC
2 = Dual	1415 = 1480/1550 nm	B = Backward	B =900 μm loose tube	2=FC/UPC B=SC/SPC
				3=FC/APC C=SC/PC
				4=SC/UPC D=ST/SPC
				5=SC/APC E=ST/PC
				6=ST/UPC F=LC/SPC
				7=LC/UPC G=LC/PC
				9=FC/SPC H=MU/UPC
				I=MU/PC
				J=LC/APC