

WDM/Isolator Hybrid: 1480/1550nm

Performance Specifications

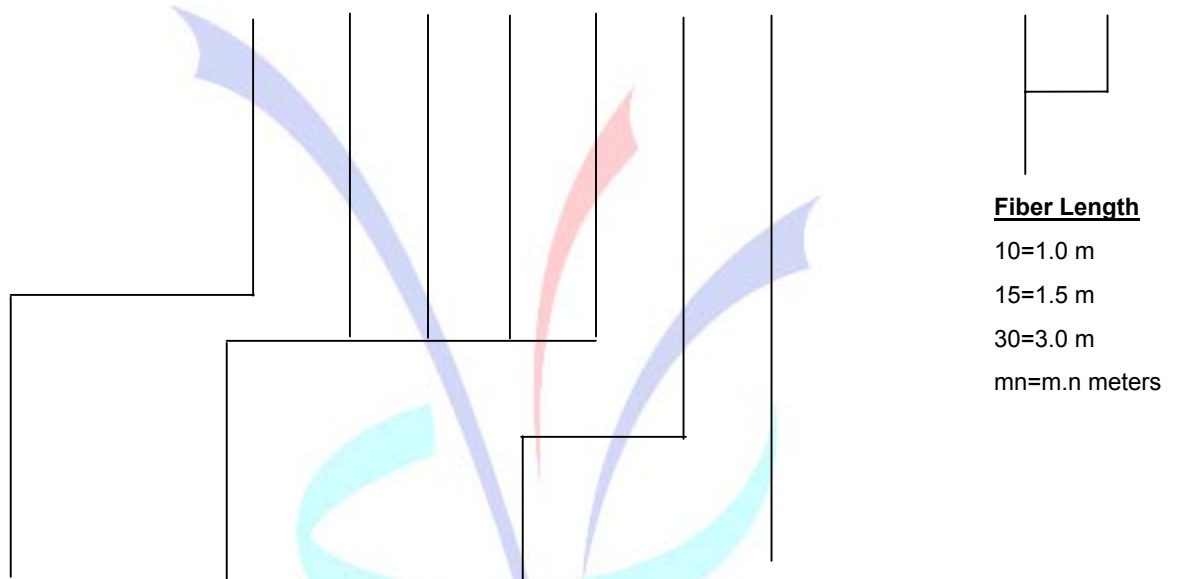
Parameters*	Specification		Unit
	Single Stage	Dual Stage	
Signal Wavelength Range (λ_s)	1528 – 1565		nm
Pump Wavelength Range (λ_p)	1450 – 1490		nm
Insertion Loss at λ_s	≤ 0.9	≤ 1.1	dB
Isolation of Isolator at λ_s	≥ 21	≥ 36	dB
Transmission Isolation of WDM at λ_p	≥ 30		dB
Reflection Isolation of WDM at λ_s	≥ 15		dB
Insertion Loss at λ_p	≤ 0.5		dB
PDL	≤ 0.10		dB
PMD**	≤ 0.25	≤ 0.05	ps
Return Loss	≥ 50		dB
Directivity	≥ 55		dB
Maximum Power Handling	300		mW
Operating Temperature	0 to 70		°C
Storage Temperature	-40 to 85		°C
Package Dimensions	Bare Fiber	ϕ 5.5 x 35 typical	mm
	900 μ m Loose Tube	ϕ 5.5 x 40 typical	
Fiber Type	Corning SMF-28		

*Specifications referenced without connectors.

**PMD compensated type available (PMD \leq 0.5 ps)

P/N Scheme: Hybrid (WDM + Isolator)

H	W	I								N	N			
---	---	---	--	--	--	--	--	--	--	---	---	--	--	--



<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