

Thin-Film 850/1310 Multi Mode Wavelength Division Multiplexer

This document proposes the specification of the Thin-Film Multi Mode Wavelength Division Multiplexer that transmits light at 1310 nm and reflects light at 850 nm.

Specifications

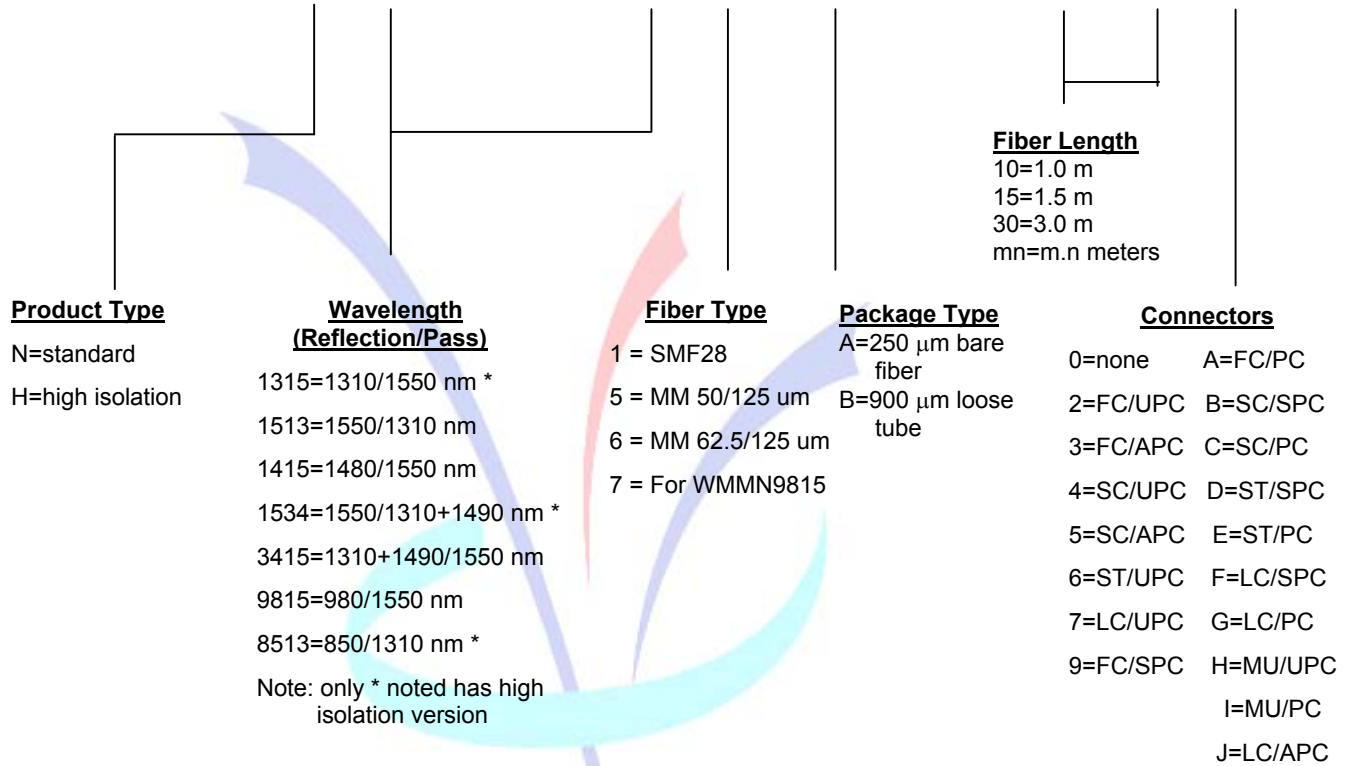
(All parameters are referenced without connectors. Typical connector loss 0.25 dB/pair)

Parameters		Specifications	Unit
Transmitted Band		1270-1350	nm
Reflected Band		800-900	nm
Passband Insertion Loss		≤ 0.7	dB
Reflected band Insertion Loss		≤ 0.5	dB
Isolation in Transmission against Reflected Band		≥ 30	dB
Isolation in Reflection against Transmitted Band		≥ 14	dB
Return Loss		≥ 35	dB
Directivity		≥ 40	dB
Optical Power Handling		> 500	mW
Operating Temperature		0 to 70	°C
Storage Temperature		-40 to 85	°C
Fiber Type		Multimode 62.5/125um or Multimode 50/125um	
Package Dimension (excluding strain relief)	Bare Fiber	ϕ 5.5 x 35 typical	mm
	900 μ m Loose Tube	ϕ 5.5 x 40 typical	

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Part number of WDM

W	M	M								N	N			
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