


WMF1 Series: Single Mode Fused WDM

Parameters		Performance (Excluding connectors)			
Configuration: 1x2 or 2x2		 <p>(Only 1x2 configuration is shown)</p>			
Part ID		WMF195	WMF135	WMF134	WMF145
Operating Wavelength λ_1/λ_2 (nm)		P1: 980±10 P2: 1528~1563	P1: 1310±15 P2: 1550±15	P1: 1310±15 P2: 1490±15	P1: 1480 ± 5 P2: 1550 ± 5
Maximum Insertion Loss @ 25°C (dB)	Common - P1	0.3	0.3	0.3	0.4
	Common - P2	0.4	0.3	0.3	0.4
Minimum Isolation @ 25°C (dB)	P1 @ λ_2	20	17	17	13
	P2 @ λ_1	18	17	17	13
Maximum WDL (dB)			0.1		0.15
Maximum PDL (dB)			0.1		0.15
Maximum TDL (dB)				0.2	
Optical Return Loss (dB)				= 55	
Optical Directivity (dB)				= 55	
Operating temperature (°C)				-40 ~ 80	
Storage temperature (°C)				-40 ~ 85	
Fiber Type		Corning HI 980, HI 1060, or BF05635-02	Corning SMF-28		
Package Dimension (mm)					
Bare Fiber		φ 3.0 x 54			
900 μm Loose Tube		φ 3.0 x 60			
3 mm or 2mm Jacket		96 x 12 x 6.4			

OptiWorks Inc., 44951 Industrial Drive, Fremont, CA 94538 Tel: +1 510 438 4560 Fax: +1 510 438 4470
 Email: Sales@optiworks.com

This document is the property of OptiWorks Inc. and contains information which is confidential and proprietary to OptiWorks Inc. No part of this document may be copied, reported or disclosed without consent of OptiWorks Inc.

Product Family: WMF Series

WMF	Single mode fused WMF operating in the 1310 nm, 1480 nm, and/or 1550 nm regions (Center wavelength = λ_c).		WMF95: 980/1550 nm WDM WMF35: 1310/1550 nm WDM WMF45: 1480/1550 nm WDM WMF34: 1310/1490 nm WDM											
Part Number for WMF Family														
W	M	F								N	P			
		Wavelength		Configuration		Package Type		Fiber Length						
		95=980/1550 35=1310/1550 45=1480/1550 34=1310/1490		12=1x2 22=2x2 For WFM2 22=2x2		A=250 μ m bare fiber B=900 μ m loose tube C=3 mm jacket D=2 mm jacket G=LGX module (WMF2/3 Only)		10=1.0 m 15=1.5 m 30=3.0 m mn=m.n meters						
		Product Type 1=standard 2=add/drop (1310/1550 or 1310/1490 nm Only) 3=high isolation										Connectors		
												0=none 2=FC/UPC 3=FC/APC 4=SC/UPC 5=SC/APC 6=ST/UPC 7=LC/UPC 9=FC/SPC		A=FC/PC B=SC/SPC C=SC/PC D=ST/SPC E=ST/PC F=LC/SPC G=LC/PC H=MU/UPC I=MU/PC J=LC/APC
				Fiber Type: 1 = SMF28 3 = HI 1060 (for WMFn95) 4 = HI 980 (for WMFn95) 5 = BF05635-02 (for WMFn95)										



OptiWorks Inc., 44951 Industrial Drive, Fremont, CA 94538 Tel: +1 510 438 4560 Fax: +1 510 438 4470
 Email: Sales@optiworks.com

This document is the property of OptiWorks Inc. and contains information which is confidential and proprietary to OptiWorks Inc. No part of this document may be copied, reported or disclosed without consent of OptiWorks Inc.