980/1550 and 1480/1550 nm Fused WDM

FEATURES

Low Insertion Loss
High Isolation
10mm Bend Radius

APPLICATION

Erbium Doped Fiber Amplifiers (EDFA)

PERFORMANCE SPECIFICATIONS

Parameter	Specifications				
Type	980/1550nm WDM			1480/1550nm WDM	
Operating Wavelength	980/1550±20nm			1480/1550±5nm	
Grade	S	P	A	P	A
Insertion Loss	≤ 0.15dB	≤ 0.20dB	≤ 0.30dB	≤ 0.30dB	≤ 0.40dB
Isolation	≥ 20dB	≥ 20dB	≥ 20dB	≥ 15dB	≥ 13dB
Polarization dependent loss	≤ 0.10dB	≤ 0.10dB	≤ 0.10dB	≤ 0.10dB	≤ 0.15dB
Return loss	≥ 55dB				
Directivity	≥ 60dB				
Fiber Type	Hi980, Hi1060, Hi1060 Flex*			SMF28, SMF28Ultra	
Optical Power	≤ 500mW				
Operating Temperature	- 10 to +70 (- 40 to +85 Available upon request)				
Storage Temperature	- 40 to +85°C				
Package Dimensions	A= Standard, Φ3.0xL54mm for 250um fiber, Φ3.0xL60 for 900um fiber M=Compact, Φ3.0xL45, SS tube (250/900um, and 2/3mm fiber jacket) C=L98xW14xH8.5mm (2/3 mm fiber jacket)				

Note:

*Other fiber type is available upon request.

All values referenced are without connector.

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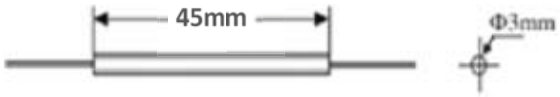
MECHANICAL DIMENSIONS

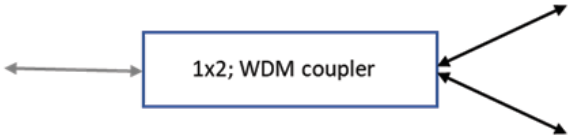
A Package

M Package



C Package

CHANNEL CONFIGURATIONS



ORDERING INFORMATION

D

Grade	Operating Wavelength	Port	Package	Fiber Type**	Pigtail Style	Fiber Length	In Connector	Out Connector
S=S grade P=P grade A=A grade	9855=980/ 1550 nm 4855=1480/1550 nm	102=1x2 202=2x2	A= A package M= Mpackage* C=C package	2=SMF-28 Ultra (G.657.A1) 5=Hi980 6=Hi1060 7=Hi1060 Flex	1=Bare fiber 2=900um loose tube	05=0.5m 10=1.0m · · · 20=2.0m	0 = None 1 = FC/APC 2 = FC/PC 3 = SC/APC 4 = SC/PC 5 = ST 6 = LC/UPC 7 = LC/APC	0 = None 1 = FC/APC 2 = FC/PC 3 = SC/APC 4 = SC/PC 5 = ST 6 = LC/UPC 7 = LC/APC

*M package is for 980/1550nm only

**1=SMF-28(G.652) is available upon request.