

Mini 980/1550nm Singlemode EDFA WDMs



Key Features

- Low Insertion Loss
- High Isolation
- 10mm Bend Radius

Applications

- Erbium Doped Fiber Amplifiers (EDFA)

Performance Specifications

Parameter	Specifications		
Signal Operation Wavelength Range	1528nm - 1564nm		
Pump Channel Wavelength Range	980nm ± 10nm		
Grade	S	P	A
Insertion Loss	0.15dB	0.20dB	0.30dB
Isolation	≥ 20dB	≥ 20dB	≥ 20dB
PDL	≤ 1.0dB (0.05 Typ.)		
Return Loss	≥ 50dB		
Directivity	≥ 60dB		
Optical Power	500mW		
Operating Temperature	-10 to +70°C (-40 to +85°C available upon request)		
Storage Temperature	-40 to +85°C		
Fiber Type	Coning HI 1060 Flex (or custom)		
Fiber Pigtail Length	1m or custom length		
Package Dimensions	Ø3.0 x L45mm		

Note:

All values referenced are without connector.

Ordering Information

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Type*	Grade	Wavelength	00	Port	Package	Pigtail Style	Fiber Type	In/Out Connector
D	S = S Grade P = P Grade A = A Grade	95 = 980/ 1550nm	00 = Standard	0102 = 1x2	M = Mini	1 = Bare Fiber 2 = 900um Jacket 3 = 3mm Cable	0 = SMF - 28 1 = Corning HI 1060 2 = CS 980 3 = HI 1060 Flex S = Special	0 = None 1 = FC/APC 2 = FC/PC 3 = SC/APC 4 = SC/PC 5 = ST 6 = LC/UPC 7 = LC/APC X = Special

* Type: D -- Singlemode Wavelength Division Multiplexer