

980/1550nm, 1480/1550nm and 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								
Type	980/1550nm WDM			Mini 980/1550nm WDM			980/1310nm WDM	1480/1550nm WDM	
Operating Wavelength	980 / 1550nm \pm 15nm			1528-1564nm [980 \pm 10nm (Pump Channel Wavelength Range)]			980 / 1310nm \pm 20nm	1480 / 1550nm \pm 5nm	
Grade	S	P	A	S	P	A	P	P	P
Insertion Loss (Max.)	0.15dB	0.20dB	0.30dB	0.15dB	0.20dB	0.30dB	0.30dB	0.30dB	0.40dB
Isolation (Min.)	\geq 20dB	\geq 20dB	\geq 20dB	\geq 20dB	\geq 20dB	\geq 20dB	\geq 18dB	\geq 15dB	\geq 13dB
PDL	\leq 0.05dB			\leq 0.10dB (0.05 Typ.)			\leq 0.05dB	\leq 0.10dB	\leq 0.15dB
Return Loss	\geq 55dB			\geq 50dB			\geq 55dB	\geq 55dB	
Directivity	\geq 60dB								
Operating Temperature	-10 to +70°C (-40 to +85°C available upon request)								
Storage Temperature	-40 to +85°C								
Fiber Type	Coming HI 1060 or CS 980			Coning HI 1060 Flex (or custom)			Coming HI 1060 or CS 980	Coming singlemode SMF-28	
Fiber Pigtail Length	1m or custom length								
Port Configuration	1x2 or 2x2								
Package Dimensions	Package A, B, C, M								

Note:

All values referenced are without connector.

Package Dimensions:	
Package A:	3mm x 54mm stainless steel tube
Package B:	3mm x 60mm stainless steel tube
Package C:	8.5mm x 14mm x 98mm case
Package M:	3mm x 45mm stainless steel tube
Pigtail Style:	
Package A:	250um barefiber
Package B:	250um barefiber or 900um loose tube
Package C:	3mm cable or 900um loose tube
Package M:	250um bare fiber or 900um loose tube or 3mm cable

Ordering Information

Type*	Grade	Wavelength	00	Port	Package	Pigtail Style	Fiber Type	In/Out Connector
D	S = S Grade P = P Grade A = A Grade	93 = 980/1310nm 95 = 980/1550nm 45 = 1480/1550nm	00 = Standard	0102 = 1x2 0202 = 2x2	A = Package A B = Package B C = Package C 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