

High Isolation Wavelength Division Multiplexor (WDM)

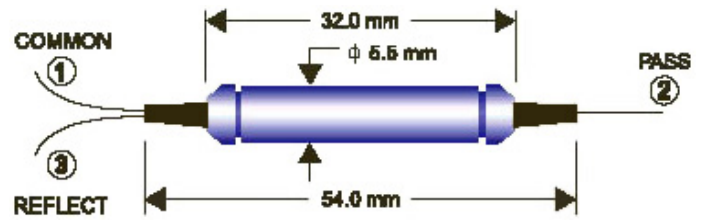
Wavelength Division Multiplexers (WDMs)

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DS-WDM-3
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Overview

ARIA High Isolation WDM modules provide wavelength division multiplexing technology with high channel isolation specifications.

Example High Isolation WDM:
(1490+1550nm) Pass/1310nm Reflect WDM
Part number: TWDM-E6O8-6C-1L12



Specifications

Parameter	Value
Pass Channel Wavelength (nm)	1460~1620
Reflection Channel Wavelength (nm)	1310 ± 50
Max Power Handling (mW)	500
Max Pass Band Ripple (dB)	0.3
Max IL C-P (Including Connector Loss) (dB)	1.0
Max IL C-R (Including Connector Loss) (dB)	1.0
Max PDL C-P @ 1550 nm (dB)	0.1
Max PDL C-R @ 1310 nm (dB)	0.1
Min Isolation C-P (dB)	45
Min Isolation C-R (dB)	45
Min Isolation R-P (dB)	50
Min Return Loss (dB)	50
Min Directivity (dB)	55
Fiber Type	Corning SMF-28
Fiber Diameter	900 μm buffer fiber
Pigtail Lengths (m)	1
Connector Type (Com, Pass, and Reflect Port)	SC/PC
Operational Temperature Range	-20 ~ + 70 °C
Storage Temperature Range	-40 ~ + 85 °C
Operational Humidity Range	95 %
Function	Bi-directional
Package Dimensions	5.5 mm (OD) x 54 mm (L)