



1310/1550 High Isolation Wavelength Division Multiplexer

Nanovation's 1310/1550 high isolation WDM offers high wavelength isolation, wide operating bandwidth and excellent performance. These modules, which can be used for dual-wavelength multiplexing and demultiplexing, can double the transmission capacity and perform bi-directional communication within a single optical fiber. These products are widely used for expanding capacity or introducing new services for telecommunications, CATV, local area networks and dual wavelength OTDR.

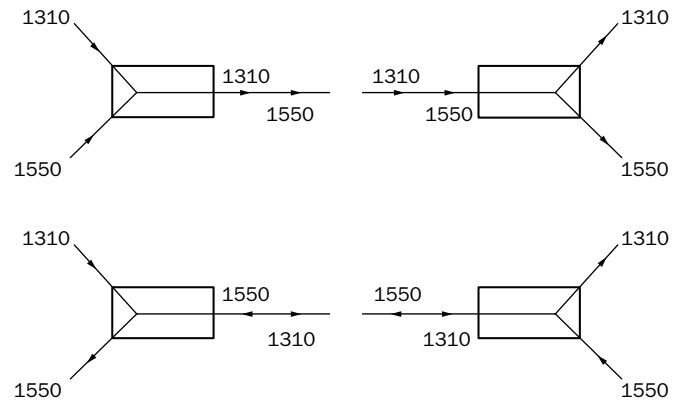
Features

- High isolation
- Wide operating bandwidth
- Excellent performance
- High temperature stability
- Bellcore GR-1209-CORE compliant



Applications

- Telecommunications
- CATV fiber optic links
- Local area networks
- Dual wavelength OTDR



Optical Parameters

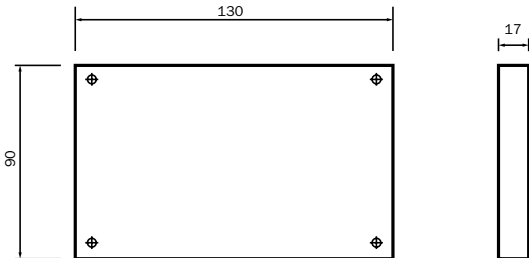
Operation Wavelength Range (nm)	±20
Isolation (dB)	≥ 40
Insertion Loss (dB)	≤ 1.0
Directivity (dB)	≥60
Polarization Dependent Loss (dB)	≤0.2
Operating Temperature (°C)	-20 to +70
Storage Temperature (°C)	-40 to +80
Package Dimension (mm ³)	130 x 90 x 17



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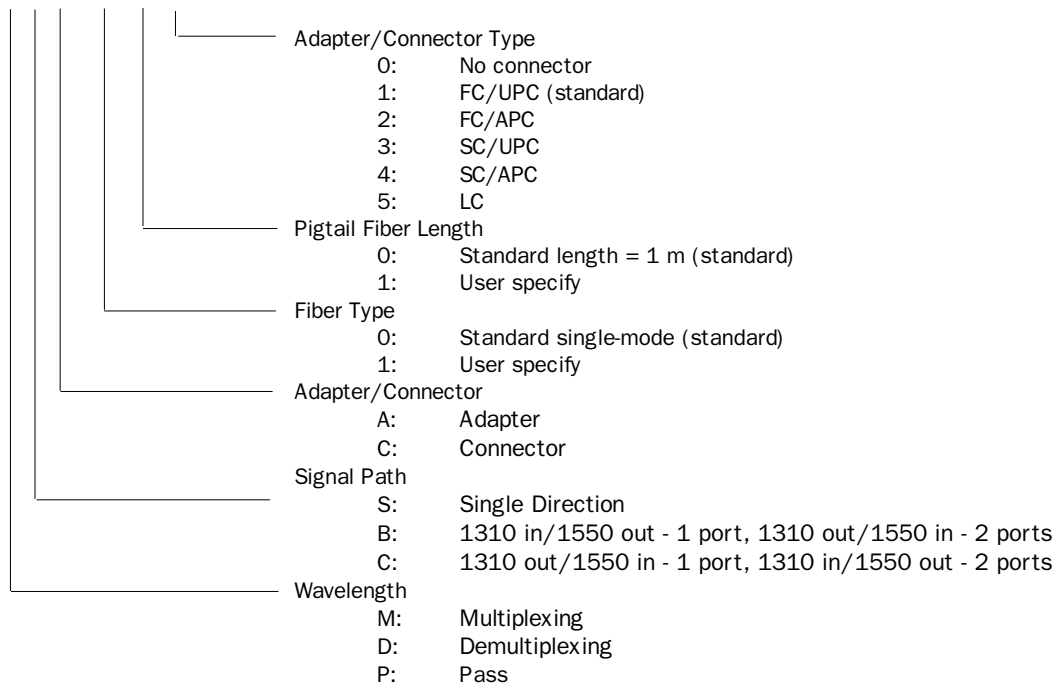
Mechanical Packaging Diagram (mm)

(All dimensions are in mm; drawings are not to scale.)



Ordering Information

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To order or for additional information, please contact us at:

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