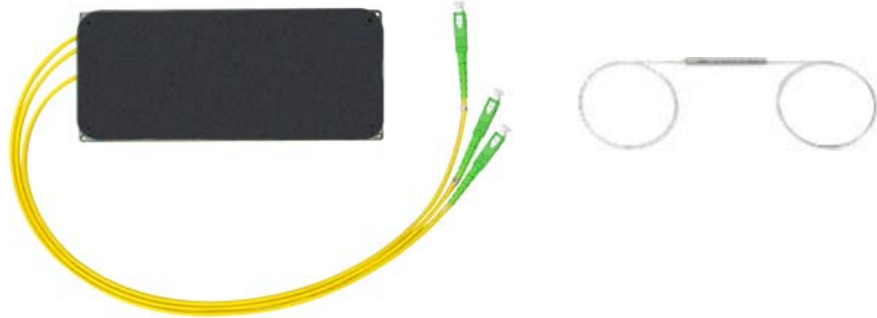




WDM -1315 | 1310nm/1550nm WDM Coupler

WDM-1315 | WDM Coupler 1310nm/1550nm



The QAMnet WDM-1315 series coupler utilizes Wavelength Division Multiplexing (WDM) technology to separate or combine 1310nm and 1550nm wavelength channels. In the standard HFC system, 1310nm channel is used for return path and 1550nm wavelength is used for forward path. The coupler features low insertion loss, high isolation and stable temperature operation.

WDM-1315 is available in either a rugged module with SC/APC connectors or unpackaged device form. The module housing is fabricated with machined aluminum.

Features

- Low insertion loss
- High isolation value of 30dB
- Reliable and durable
- Broad wavelength window operation
- Rugged construction (module type)
- Operating temperature range -30 ° C to +55 ° C

Ordering Information

- WDM1315-x
- x: m (module housing)
d (unpackaged device)



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Phoenix, AZ 85018

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sales@qamnet.com email
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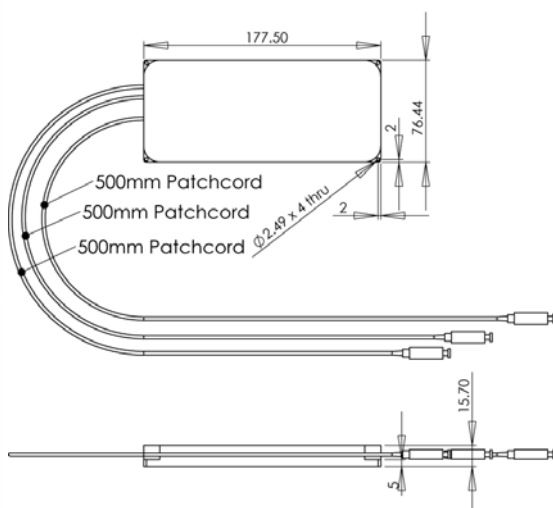
Technical Specifications

Model Number	WDM-1315
Input Fiber [2] Wavelength Range	1310 nm \pm 15 nm
Input Fiber [3] Wavelength Range	1550 nm \pm 15 nm
Output Fiber [1] Wavelength Range	1310 nm \pm 15 nm / 1550 nm \pm 15 nm
Isolation between 1310nm/1550nm	\geq 32 dB
Insertion Loss (device)	< 0.5dB
Insertion Loss (module)	1.0dB Typical (including connectors)
Return Loss	> 50 dB
Polarization Dependent Loss	\leq 0.15 dB
Fiber Type	SMF-28

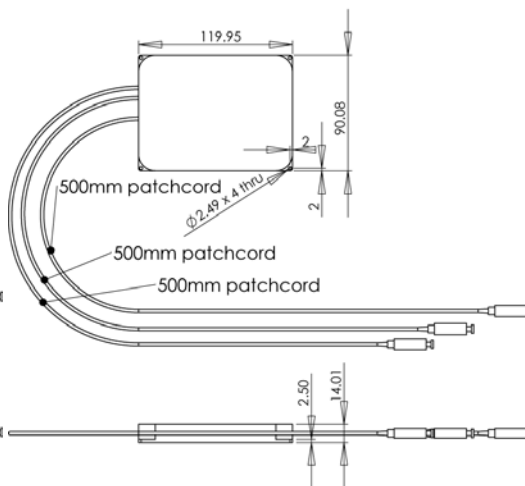
Mechanical Specification

Connectors	SC/APC or customer specified
Device Dimensions	2.95" (L) x 0.15" (Φ)
Housing Dimensions	Type A: 7" (L) x 3" (W) x 0.62" (H) Type B: 4.72" (L) x 3.55" (W) x 0.55" (H)
Fiber Patchcord	3mm, 0.5 meter length

Type A



Type B



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