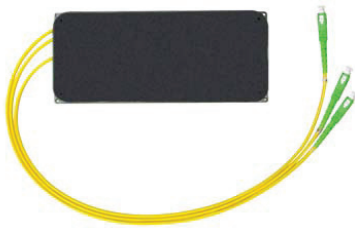


# Dual Add-Drop Module

The QAMnet DADM Dual Add-Drop Module allows optimal flexibility to system designers for designing multiple wavelength HFC networks system for DWDM wavelengths add/Drop.

DADM Dual Add-Drop Module



## Product Description

The QAMnet DADM Dual Add-Drop Module allows optimal flexibility to system designers for designing multiple wavelength HFC networks system for DWDM wavelengths add/Drop. DADM is a four port device. It removes an optical signal with a specific wavelength from the optical fiber input through a Drop port. At the same time, a signal with this specific wavelength can be inserted through the Add port to the fiber output port. These easy-to-use devices can be used to in series, so wavelength add/drop can be done incrementally, allowing flexibility in system design. These DWDM based devices offer low insertion loss and high isolation. It is a passive device that is housed inside a compact aluminum package.

## Features

- Low insertion loss
- High isolation value of 30 dB
- 100 GHz (0.8 nm) Channel Spacing
- Allowing Add (insertion) or Drop (removal) simultaneously
- Rugged construction (module type)
- Operating temperature range -30°C to +55°C

## Applications

✓ HFC    ✓ FTTH    ✓ RFoG    ✓ Deep Fiber Applications

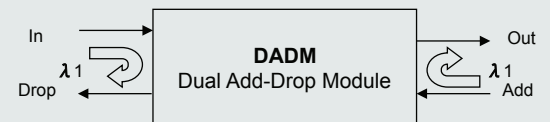
## PRODUCT SPECIFICATIONS

### Optical Specifications

Center Wavelength	See Table on Product Datasheet
Passband	$\pm 0.32$ nm from Center Wavelength
Insertion Loss (In-Drop)	< 1.5 dB
Isolation (In-Drop)	> 30 dB
Insertion Loss (Add-Out)	< 1.5 dB
Isolation (Add-Out)	> 15 dB
Insertion Loss (In-Out)	< 1.0 dB
Isolation (In-Out)	> 35 dB
Polarization Dependent Loss	< 0.10 dB
Directivity	> 65 dB
Return Loss	> 50 dB

### Mechanical Specifications

Operating Temperature Range	-30°C to +55°C
Storage Temperature Range	-40°C to +85° C
Connector Type	900 $\mu$ m Jacked Fiber or SC/APC
Fiber Type	Corning (SMF-28) + 900 $\mu$ m Loose Tube
Dimensions	3.50" (L) x 2.00" (W) x 0.33" (H)
Housing	Machined Aluminum



## Ordering Information

**DAM-xx-y**

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Wavelength Channels