



A Furukawa Company

# WDM Optical Access Module (Wave Division Multiplexer)

High-Density 1310, 1490, 1550 FTTx Solution



## Features and Benefits

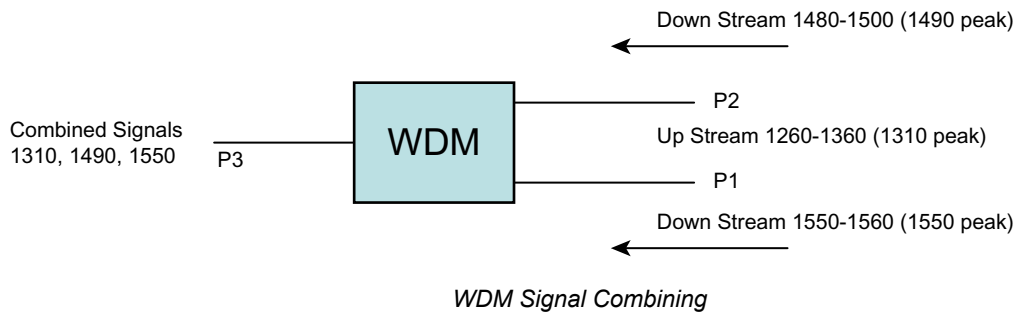
- Facilitates two circuits
- SC, SCA Adapters
- Compatible with 7" LGX® Frames
- < 1.2 dB loss
- High isolation between channels
- Supports 1310, 1490, 1550 nm
- FTTx ready: GPON, BPON, EPON
- Supports Video, Data, Voice
- Uses a single module through network
- Easy installation
- Maximizes AllWave® and AllWave FLEX ZWP Fiber.

## Product Description

Today's FTTx systems demand innovative solutions. The WDM Optical Access Module (OAM) is designed for video, voice, and data services in FTTx architectures. All three services can be combined over a single fiber layer with this module. Maximize your shelf configuration with use of 2 circuits per module while using traditional 7" LGX Fiber Optic Shelves.

## WDM Optical Access Module Ordering Information

Comcode	Product Code	Description
300534419	W2-1X2-1345-SCUSCA/SCA-S-BAL-C-TFF	WDM 3 band product 2 TFFs





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## WDM Optical Access Module (Wave Division Multiplexer)

### Thin Film WDM Filter

Max Insertion Loss with connectors	< 1.2 dB
Max Loss Variability across Band	< ±0.25 dB
Minimum Return Loss	50 dB
Minimum Directivity	50 dB
Maximum Input Power for Port 1	25 dBm
Maximum Input Power Port 2 and 3	10 dBm
Polarization Dependent Loss	.2 dBm
Polarization Mode Dispersion	.25 ps
Port 2 to 3 Operating Wavelength	1260-1360 nm and 1480-1560 nm
Port 1 to 3 Operating Wavelength	1550-1560 nm
Port 2 to 3 Isolation @ 1550 nm	≥ 20 dB
Port 1 to 3 Isolation @ 1310/1490 nm	≥ 20 dB

For additional information please contact your sales representative.

You can also visit our website at [www.ofsoptics.com](http://www.ofsoptics.com) or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.



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