

# WDM Optical Access Module High Density 1310,1490, 1550 FTTx Solution

### **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 Shelves.

#### **Key Features**

- · Facilitates two circuits
- · SC, SCA Adapters
- Compatible with 7" LGX® Frames
- 1.2 dB loss
- High isolation between channels
- Supports 1310, 1490, 1550 nm bands

#### Benefits

- FTTx ready: GPON, BPON, EPON
- Supports Video, Data, Voice
- Uses a single module through network
- Easy installation
- Maximizes AllWave<sup>™</sup> and AllWave<sup>™</sup> FLEX ZWP Fiber networks





			Do	own Stream 1480-1	500 (1490 peak)
Combined Signals 1310,1490, 1550	P3	WDM		Up Stream 1260-1: P1 Down Stream 1550-	,
	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	
		g wavelength			
	Port 2 to 3 Isolation	@ 1550 nm		>= 20 dB	
	Port 1 to 3 Isolation	@ 1310/1490 nm	ו	>=20 dB	

## **Ordering Information**

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

For additional information please contact your sales representative. You can also visit our website at <u>http://www.ofsoptics.com</u> or call 1-888-fiber-help.

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