

Description:

Fiberdyne Labs' FWX-CET1522 and FWX-CET1523 rackmount modules feature 16 circuits of a modified CoExistent WDM (CoEx WDM) Type 1 with a 1550nm Overlay. The FWX-CET1522 features 16 separate 4-port circuits consisting of a Common Port, a GPON Port, an XGS-PON Port and a 1550nm Overlay Port with SC/APC Adapters for 64 Total Ports. The FWX-CET1523 features 16 separate 3-port circuits consisting of a Common Port, a combined GPON & XGS-PON Port, and a 1550nm Overlay Port with SC/APC Adapters for 48 Total Ports.

Features:

- High Isolation
- Low Insertion Loss
- Complies with RoHS
- 16 Circuits in Convenient 19" 1U Module



FWX-CET1523

Specifications:

Parameters		Unit	Specification
Operating Wavelengths	Common	nm	1260-1620
	GPON		1290-1330 & 1480-1500
	XGS-PON		1260-1280 & 1575-1580
	1550		1540-1560
Channel Ripple		dB	<0.5
Polarization Dependent Loss		dB	<0.10
Insertion Loss	FWX-CET1522	dB	
	GPON		<0.8
	XGS-PON		<1.2
	1550		<1.6
	FWX-CET1523		
	GPON & XGS-PON		<1.4
	1550		<0.8

Isolation	FWX-CET1522	dB	
	COM → GPON		>30
	COM → XGS-PON		>30
	COM → 1550		>45
	FWX-CET1523		
	COM → GPON & XGS-PON		>30
	COM → 1550		>45
PMD		ps	<0.10
Directivity		dB	>50
Return Loss		dB	>45
Connector			SC/APC
Operating Temperature		°C	-5 ~ +75
Storage Temperature		°C	-40 ~ +85
Ordering Information			Port Configuration
FWX-CET1522		16 x	Common, GPON, XGS-PON, 1550
FWX-CET1523		16 x	Common, Combined GPON & XGS-PON, 1550

Note: For custom requirements contact a Fiberdyne Sales Representative

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