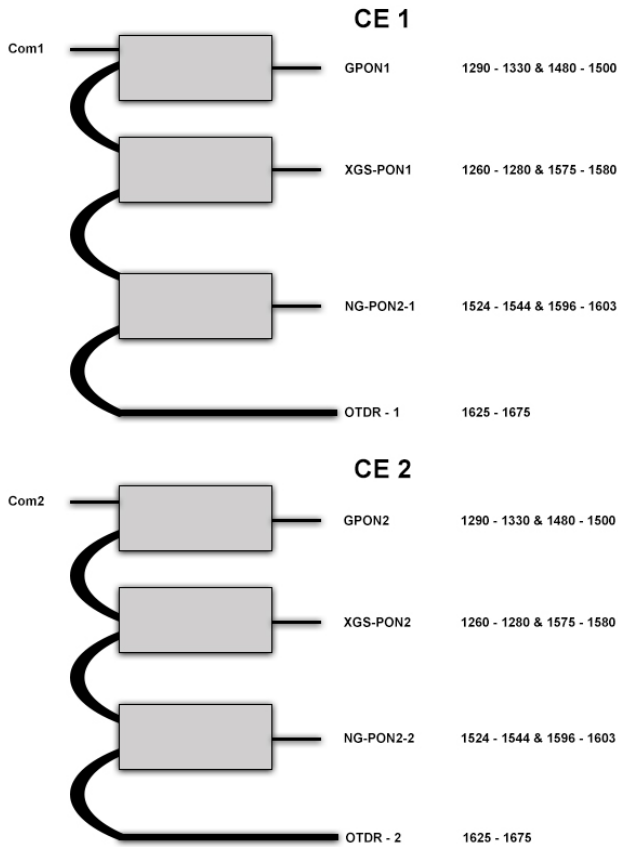


# FWX-CET4xxx Series

## CoEx Type 4

Fiberdyne Labs FWX-CET4xxx Series modules allow for the coexistence of GPON, XGS-PON, NG-PON2, and OTDR technologies.



**Module Schematic**

FWX-CET4xxx Series CoEx Type 4		
Parameters		
GPON Wavelength (nm)		1290-1330 & 1480-1500
XGS-PON Wavelength (nm)		1260-1280 & 1575-1580
NG-PON2 Wavelength (nm)		1524-1544 & 1596-1603
OTDR Wavelength (nm)		1625-1675
Insertion Loss (dB)	COM → GPON	≤ 0.8
Insertion Loss (dB)	COM → XGS-PON	≤ 1.2
Insertion Loss (dB)	COM → NG-PON2	≤ 1.4
Insertion Loss (dB)	COM → OTDR	≤ 1.6
Isolation (dB)	COM → GPON	> 30
Isolation (dB)	COM → XGS-PON	> 30
Isolation (dB)	COM → NG-PON2	> 30
Isolation (dB)	COM → OTDR	> 15
PDL (dB)		< 0.15
Return Loss (dB)		> 45
Directivity (dB)		> 50
Max Optical Power (mW)		500
Directivity (dB)		> 50
Operating Temperature (°C)		- 5 ~ 75
Storage Temperature (°C)		- 40 ~ 85
Fiber Type		G.652.D
Standard Package Options		Part Number
Package Type	Connector Type	
LGX Module (Rear Common Ports)	SC/APC Adapter	FWX-CET4000
Field Module (ABS 100x80x10mm)	1 Meter 2.0mm SC/APC Connectors	FWX-CET4500
Field Module (ABS 100x80x10mm)	1 Meter 2.0mm No Connectors	FWX-CET4510
<b>Custom options available, please contact our sales department for additional options.</b>		