

Coexistence Wave Division Multiplexing Solutions

Fiberdyne Labs introduces its new Coexistence Wave Division Multiplexing Solutions (CoEx WDM) product line for the convergence of multiple xPON solutions including GPON, XGS-PON, NG-PON2, and OTDR. The modules are available in the industry standard LGX® format with SC/APC connectors as well as field modules with pigtails. Fiberdyne offers customized packaging and connector configurations to meet your specific requirements.

Standard Fiberdyne Coexistence Wave Division Multiplexing Solutions (CoEX WDM):

(Click on Link)

- - [CoEx Type 1 - GPON and XGS-PON](#)
- - [CoEx Type 2 - GPON, XGS-PON, and OTDR](#)
- - [CoEx Type 3 - GPON, XGS-PON, and NG-PON2](#)
- - [CoEx Type 4 - GPON, XGS-PON, NG-PON2, and OTDR](#)
- - [CoEx Type 5 - GPON and NG-PON2](#)
- - [CoEx Type 6 - GPON, NG-PON2, and OTDR](#)

CoEx Type 1 - GPON and XGS-PON

Part Number	COEX Type	Description	Number of Circuits	GPON	XGS-PON	NG-PON2	OTDR
FWX-CET1000	Type 1	Fiberdyne CoEx WDM Type 1 for GPON and XGS-PON applications, LGX Module Dual Circuit, SC/APC Connectors (6 Ports)	2	Yes	Yes	No	No
FWX-CET1500	Type 1	Fiberdyne CoEx WDM Type 1 for GPON and XGS-PON applications, 100x80x10mm ABS Field Module, Dual Circuit, 1 Meter 2.0mm Leads, SC/APC Connectors (6 Ports)	2	Yes	Yes	No	No
FWX-CET1510	Type 1	Fiberdyne CoEx WDM Type 1 for GPON and XGS-PON applications, 100x80x10mm ABS Field Module, Dual Circuit, 1 Meter 2.0mm Leads, No Connectors	2	Yes	Yes	No	No

[CoEx Type 1 Module Schematic](#)

CoEx Type 2 - GPON, XGS-PON, and OTDR

Part Number	COEX Type	Description	Number of Circuits	GPON	XGS-PON	NG-PON2	OTDR
FWX-CET2000	Type 2	Fiberdyne CoEx WDM Type 2 for GPON, XGS-PON and OTDR applications, LGX Module Dual Circuit, SC/APC Connectors (8 Ports)	2	Yes	Yes	No	Yes
FWX-CET2500	Type 2	Fiberdyne CoEx WDM Type 2 for GPON, XGS-PON and OTDR applications, 100x80x10mm ABS Field Module, Dual Circuit, 1 Meter 2.0mm Leads, SC/APC Connectors (8 Ports)	2	Yes	Yes	No	Yes
FWX-CET2510	Type 2	Fiberdyne CoEx WDM Type 2 for GPON, XGS-PON and OTDR applications, 100x80x10mm ABS Field Module, Dual Circuit, 1 Meter 2.0mm Leads, No Connectors	2	Yes	Yes	No	Yes

[CoEx Type 2 Module Schematic](#)
CoEx Type 3 - GPON, XGS-PON, and NG-PON2

Part Number	COEX Type	Description	Number of Circuits	GPON	XGS-PON	NG-PON2	OTDR
FWX-CET3000	Type 3	Fiberdyne CoEx WDM Type 3 for GPON, XGS-PON, and NG-PON2 applications, LGX Module Dual Circuit, SC/APC Connectors (2 Ports)	2	Yes	Yes	Yes	No
FWX-CET3500	Type 3	Fiberdyne CoEx WDM Type 3 for GPON, XGS-PON, and NG-PON2 applications, 100X80X10mm ABS Field Module, Dual Circuit, 1 Meter 2.0mm Leads, SC/APC Connectors (8 Ports)	2	Yes	Yes	Yes	No
FWX-CET3510	Type 3	Fiberdyne CoEx WDM Type 3 for GPON, XGS-PON, and NG-PON2 applications, 100X80X10mm ABS Field Module, Dual Circuit, 1 Meter 2.0mm Leads, No Connectors	2	Yes	Yes	Yes	No

[CoEx Type 3 Module Schematic](#)

CoEx Type 4 - GPON, XGS-PON, NG-PON2, and OTDR

Part Number	COEX Type	Description	Number of Circuits	GPON	XGS-PON	NG-PON2	OTDR
FWX-CET4000	Type 4	Fiberdyne CoEx WDM Type 4 for GPON, XGS-PON, NG-PON2, and OTDR applications, LGX Module Dual Circuit, SC/APC Connectors (10 Ports)	2	Yes	Yes	Yes	Yes
FWX-CET4500	Type 4	Fiberdyne CoEx WDM Type 4 for GPON, XGS-PON, NG-PON2, and OTDR applications, 100X80X10mm ABS Field Module, Dual Circuit, 1 Meter 2.0mm Leads, SC/APC Connectors (10 Ports)	2	Yes	Yes	Yes	Yes
FWX-CET4510	Type 4	Fiberdyne CoEx WDM Type 4 for GPON, XGS-PON, NG-PON2, and OTDR applications, 100X80X10mm ABS Field Module, Dual Circuit, 1 Meter 2.0mm Leads, No Connectors	2	Yes	Yes	Yes	Yes

CoEx Type 4 Module Schematic

CoEx Type 5 - GPON and NG-PON2

Part Number	COEX Type	Description	Number of Circuits	GPON	XGS-PON	NG-PON2	OTDR
FWX-CET5000	Type 5	Fiberdyne CoEx WDM Type 1 for GPON and NG-PON2 applications, LGX Module Dual Circuit, SC/APC Connectors (6 Ports)	2	Yes	No	Yes	No
FWX-CET5500	Type 5	Fiberdyne CoEx WDM Type 1 for GPON and NG-PON2 applications, 100X80X10mm ABS Field Module, Dual Circuit, 1 Meter 2.0mm Leads, SC/APC Connectors (6 Ports)	2	Yes	No	Yes	No
FWX-CET5510	Type 5	Fiberdyne CoEx WDM Type 1 for GPON and NG-PON2 applications, 100X80X10mm ABS Field Module, Dual Circuit, 1 Meter 2.0mm Leads, No Connectors	2	Yes	No	Yes	No

CoEx Type 5 Module Schematic

CoEx Type 6 - GPON, NG-PON2, and OTDR

Part Number	COEX Type	Description	Number of Circuits	GPON	XGS-PON	NG-PON2	OTDR
FWX-CET6000	Type 6	Fiberdyne CoEx WDM Type 2 for GPON, NG-PON2, and OTDR applications, LGX Module Dual Circuit, SC/APC Connectors (8 Ports)	2	Yes	No	Yes	Yes
FWX-CET6500	Type 6	Fiberdyne CoEx WDM Type 2 for GPON, NG-PON2, and OTDR applications, 100X80X10mm ABS Field Module, Dual Circuit, 1 Meter 2.0mm Leads, SC/APC Connectors (8 Ports)	2	Yes	No	Yes	Yes
FWX-CET6510	Type 6	Fiberdyne CoEx WDM Type 2 for GPON, NG-PON2, and OTDR applications, 100X80X10mm ABS Field Module, Dual Circuit, 1 Meter 2.0mm Leads, No Connectors	2	Yes	No	Yes	Yes

[CoEx Type 6 Module Schematic](#)