

16-(1x3) GPON-XGPON-1550 19'1U Rack

One of OPTICO's WDM series products that is applicable to FTTx networks.



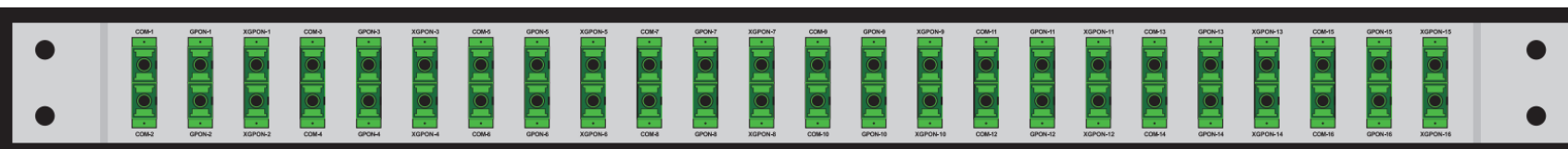
• Description

The OPTICO 16-channel Wavelength Division Multiplexer (WDM) is one of OPTICO's WDM series products that is applicable to FTTx networks. The WDM combines 16-channel different GPON and XG-PON service wavelengths, which is equivalent to integrating 16 single-channel WDM into one module. To suit multiple application scenarios, the GPON ports are compatible with CATV 1550nm wavelengths.

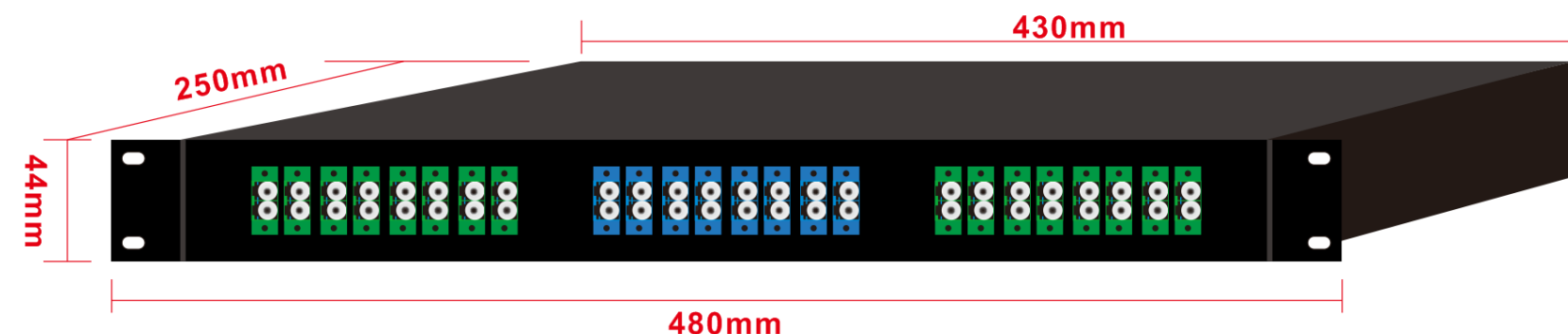
• Advantages

- High channel isolation
- High reliability and stability
- CE/ISO/ROHS √
- Low dispersion
- High quality TFF technology
- Support industrial temperature - 40°C ~ +85°C, suitable for outdoor applications.

• Port Diagram Reference(Unit: mm)



• Structure Diagram(Unit: mm)



• Specifications:

Parameters			Value
Center wavelength(nm)			CATV/DVBC 1530-1565nm GPON 1290-1330nm& 1480-1500nm XGPON 1260-1280nm&1575-1580nm
GPON- XGPON-1550	Insertion loss(dB)	CATV/DVBC	<0.8
		GPON	<1.0
		XGPON	<1.2
	Channel isolation(d B)	CATV/DVBC	>30
		GPON	>30
		XGPON	>30
PDL(dB)			<0.2
PMD (ps)			<0.1
RL(dB)			>50
Directivity(dB)			>50
Maximum Optical Power(mw)			<300
Fiber Diameter			G657A1
Package Dimension(nm)			480*250*44
Connector			COM&CATV/DVBC:LA/APC,GPON XGPON &:LC/UPC
Temperature(℃)			-40~+85