

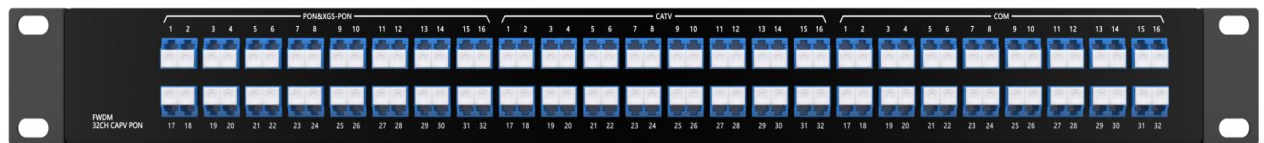
32Channels FWDM TX CATV 1550nm RX PON 1310/1490nm & XGS-PON 1270/1577nm LC/UPC 1U Rack

32FW-1U01-T55R3149-2757A/B

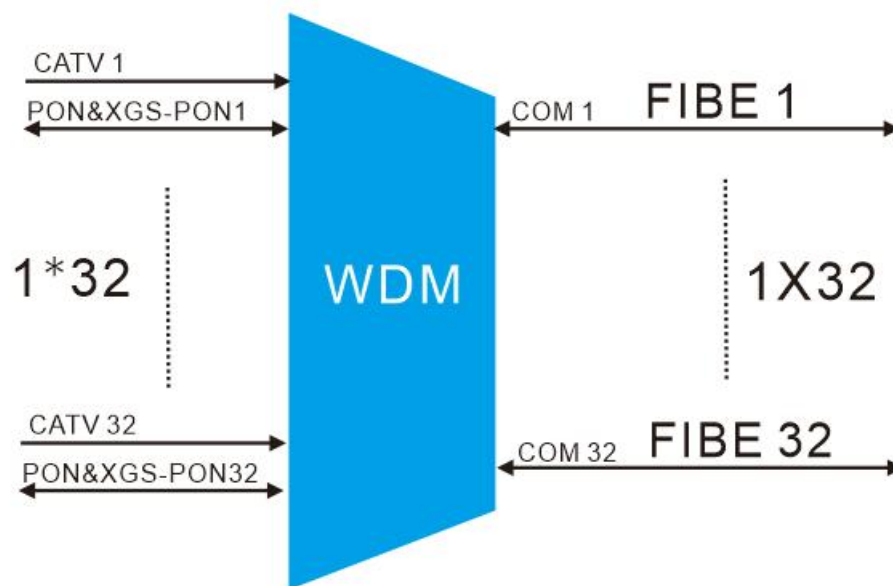
FIBERWDM Provide FWDM TX 1550nm RX PON 1310/1490nm & XGS-PON 1270/1577nm is low loss and reliable performances.

It works in FTTH/FTTX, in PON system works on 1310/1490 & 1270/1577nm, and CATV signal is delivered over same fiber using 1550nm.

Product Penal



Application



Features

- ◆ Wide bandwidth
- ◆ Low insertion loss
- ◆ High channel isolation
- ◆ Exceptional reliability and stability

Applications

- ◆ Optical amplifiers
- ◆ CATV

Specifications

Wavelength	TX1550 RX1310/1490nm&1270/1577nm	Technology	TFF (Thin Film Filter)
Passband	1540~1560nm	Reflection	1260~1500&1574~1620

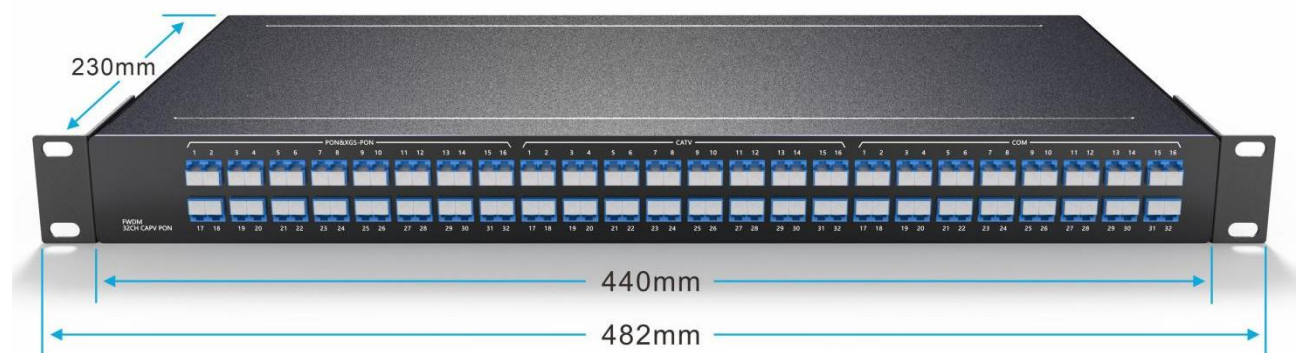
Passband ripple	≤0.30dB	IL @ Passband	≤0.80dB
Reflection band ripple	≤0.20dB	IL @ Reflection	≤0.60dB
Passband isolation	≥30dB	Reflection isolation	≥15dB (A Type) 20dB (B Type)
Polarization mode dispersion	≤0.2ps	Thermal Stability	≤0.005N
Directivity	≥50dB	Return loss	≥45dB
Optical power handling	≤500mW	Temperature	Operating -40 to 85°C Storage -40 to 85°C
Fiber type	SMF-28e	Package dimension	44*440*230MM

Note. 1) All the specifications are based on the devices without connectors, and guaranteed over wavelength, polarization and temperature.

2) PMD and chromatic dispersion values are guaranteed by design.

3) Specifications are subject to change without notice

Steel Dimensions drawing (mm)



Ordering information

Part No.	Specifications
32FW-1U01-T55R3149-2757A	32Channels FWDM TX CATV 1550nm RX PON 1310/1490nm & XGS-PON 1270/1577nm LC/UPC 1U Rack Reflection isolation ≥15dB
32FW-1U01-T55R3149-2757B	32Channels FWDM TX CATV 1550nm RX PON 1310/1490nm & XGS-PON 1270/1577nm LC/UPC 1U Rack Reflection isolation 20dB