

MCR GROUP, INC.

CATV D77 WSE Series 2U High Power Er/Yb Doped Fiber Amplifier

MCR- D77 WSE2



Performance characteristics

- ◆ Adopt Er-Yb co-doped double-clad fiber technology and low-noise pump laser.
- ◆ With display backlight control function, the user can adjust the backlight time as needed.
- ◆ With a comprehensive audio-visual alarm function, supporting dual alarm through indicator lights and a buzzer.
- ◆ The entire machine adopts a modular design, making it easy to maintain and manage.
- ◆ Standard network management interface, supporting both WEB management and SNMP, with a feature-rich WEB interface.
- ◆ The 2U supports a maximum total output of 41dBm, supports the output power adjustable function, adjustable range + 0.5~ -4 dBm.
- ◆ Optional functions include optical switch, optical transmitter, and RF monitoring.
- ◆ Optional WDM function is available, achieving triple-play integration.
- ◆ One-click pull-out dual power supply hot backup design.
- ◆ Optional time management and remote monitoring by mobile phone are available.
- ◆ Use the touch screen to remove the physical buttons, making the screen larger and easier to operate.

Applications

D77WSExx Ytterbium-Erbium series of fiber amplifiers is a high power, multi-output fiber amplifier with a gain spectral bandwidth of 1545-1560nm, designed for CATV or 1-8 consecutive band channels (ITU wavelengths) applications. It provides a flexible and low-cost solution for FTTH coverage of CATV systems in large and medium-sized cities.

D77WSExx can achieve single wavelength transmission of CATV signals, or built-in FWDM to achieve single-fiber three-wave transmission design, which is an important equipment for building CATV large and medium-sized optical fiber transmission networks.

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If you need more information, please contact us!