

CATV 77WSE Series 1U High Power Fiber Amplifier

MCR-77WSE01



Performance characteristics

- ◆ Adopt Er-Yb co-doped double-clad fiber technology and low-noise pump laser.
- ◆ With a display backlight control function, allowing users to 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 1U supports a maximum total output of 6.5W(38dBm) and offers adjustable output power, with an adjustable range of +0.5~-4dBm.
- ◆ 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.

Applications

The 77WSExx series Er-Yb fiber amplifier is a high-power multi-output fiber amplifier with a gain spectrum bandwidth of 1545~1560nm. It is designed for CATV or applications with 18 continuous channel strips (ITU wavelengths). It provides a flexible and low-cost solution for FTTH large-scale coverage in major cities for CATV systems.

The 77WSExx can achieve single-wavelength transmission of CATV signals or implement single-fiber three-wave transmission design through built-in FWDM. It is an important equipment for building large and medium-sized fiber transmission networks for CATV.

.....

If you need more information, please contact us!