

MCR GROUP, INC.

CATV B77 WSE Series 2U High Power Er/Yb Doped Fiber Amplifier

MCR- B 77WSE2



Performance characteristics

- ◆ Erbium-Ytterbium co-doped double-clad fiber technology and low-noise pump lasers.
- ◆ 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 EDFA adopts modular design, making it easy to maintain and manage.
- ◆ Standard network management interface, support WEB network management and SNMP, WEB interface is rich in functions.
- ◆ The 2U product supports total output power up to 41dBm, and supports the output power adjustable function with an adjustable range of +0.5~-4dBm.
- ◆ Optical switch, optical transmitter, RF monitoring and other functions are optional.
- ◆ Optional WDM for triple play function.
- ◆ Dual power supply with one-touch pull-out and hot backup design.
- ◆ Optional time control function and mobile phone remote monitoring function are available.

Applications

B77WSExx 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.

B77WSExx 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!