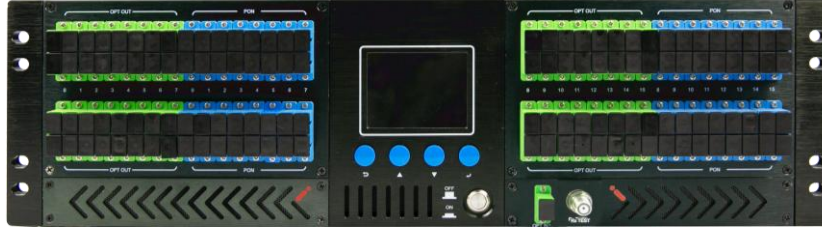


MCR GROUP, INC.

CATV 77WSE Series 3U High Power Fiber Amplifier

MCR-77WSE03



Performance characteristics

- ◆ Using erbium and ytterbium co-doped double-clad fiber technology and low-noise pump laser.
- ◆ It has a display backlight control function, allowing users to adjust the backlight time as needed.
- ◆ It has a complete sound and light alarm function and supports dual alarms of indicator light and buzzer.
- ◆ The whole machine adopts modular design and is easy to maintain and manage.
- ◆ Standard network management interface supports WEB network management and SNMP, and the WEB interface is rich in functions.
- ◆ The 3 U product supports a maximum total output of 43 dBm and supports adjustable output power with an adjustable range of +0.5~-4dBm.
- ◆ Optional optical switch, optical transmitter, RF monitoring and other functions are available.
- ◆ Output ports: 32~128 channels; optional WDM to achieve triple network integration function.
- ◆ One-click pull-out dual power supply hot backup design.
- ◆ Optional time management function and mobile phone remote monitoring function.

Applications

The 77WSExx series ytterbium-erbium fiber amplifier is a high-power multi-port output fiber amplifier with a gain spectrum bandwidth of 1545~1560nm. It is mainly designed for CATV or 1~8 continuous strip channels (ITU wavelength) applications. It provides a flexible and low-cost solution for CATV system's large-area FTTH coverage in large and medium-sized cities.

77WSExx can realize single-wavelength transmission of cable TV signals, or built-in FWDM to realize single-fiber three-wave transmission design. It 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!