

EDFA 1550nm

EDFA-15-23-04 / EDFA-15-23-04 -WDM

Catvision EDFA (Erbium Doped Fibre Amplifier) is specially designed for amplifying weak 1550nm optic signal for long distance optic transmission. Extremely low noise pump lasers ensure excellent C/N, CSO, CTB and maintain picture quality at original levels for long-haul transmission. This can be used for both analog and digital CATV signal transmission.

An advanced microcontroller along with automatic control circuit ensures stable optic output power and longer life.



Features:

- Built in WDM for PON application along with CATV(CATV+PON)
- Optic power 23dBm on single port (on requirement)
- Extremely low noise pump laser
- High efficiency optic power transmission
- Excellent C/N, CSO & CTB
- Optic I/P range: -3 ~ +5dBm
- Four optic output power ports
- Isolators at both I/P and O/P
- High input & output return loss
- Microprocessor controlled pump lasers
- Front panel display of all parameters
- Standard 19 inch rack mount type

Specifications:

- Wave Length Range : 1530 ~ 1565nm
- PON wavelengths : 1310nm & 1490nm
- Optic Input Power : -3 dBm ~ +5 dBm
- Output Ports : 4 nos
- Optic Power : 16dBm at each port
- Noise Figure : ≤5 dB
- Optic Connectors : SC/APC
- Power : 90 ~ 260VAC, 50Hz (DC 48V optional)

(Note: Product features and specifications are subject to change without prior notice)

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