

## **EDFA 1550nm**

### **EDFA-15-23-04**

**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:**

- 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 ~ 1560nm
- 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, 50W Max

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

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