

## 1550nm EDFA 20dBm (Erbium Doped Fiber Amplifier)

### ACE WE1550HD-20



The **ACE WE1550HD** series 20dBm 1550nm EDFA are mainly used in CATV 1550nm optical fiber transmission system. We also developed the outdoor type which adopts cast aluminum waterproof shell to solve the engineering problem that the remote areas cannot build the machine room. The outdoor type can adapt to -40°C~ +50°C field work environment.

#### Main Features:

- Adopt low noise pump laser and imported high-performance Er-doped fiber.
- The output optical power is adjustable (0 ~ 4dB, 0.1dB stepping).
- LCD display on the front panel, support Ethernet transponder.
- 19"1U standard rack

#### Specifications:

PRODUCT	ACE WE1550HD-20
Input Optical	Power Range: -5~+10 dBm wavelength Range: 1545 ~ 1565nm
Output Optical	Power: 20 dBm
Output	Power Stability: $\pm 0.5$ dBm
Noise Figure	$\leq 5$ dB @0dBm
C/N: $\geq 50$ dB;C/CTB: $\geq 63$ dB;C/CSO: $\geq 63$ dB	

#### General Features:

- Consumption:  $\leq 40$ W
- Operating Temperature: -5 ~ +55°C
- Operating Voltage: AC 150 ~ 265V(50Hz) or DC -48V
- Dimension: 483mm(L)X 405mm(W)X 44mm(H)

