**DS78LE（AV2）**

**100M EOC SLAVE**

**Product Overview**

1000M EOC Slave is the terminal device in this system, it offers 4 FE ports, build L2 Ethernet transmission channel in the cable network, to transmit internet signal, but not affect the original CATV signal at the same time.

It has the advantages of long transmission distance, good network adaptability and high bandwidth.

# DS78LE(AV2)  100M EOC Slave

**Product Feature**

- Provide 4 FE ports
- Support automatic configuration and manual configuration
- High safety, support the isolation between slaves
- Adopt the latest chip MSE510CE, the throughput rate can be up to 100M per each port

- Can limit port rate and the total number of MAC(users)
- Support 802.1Q Vlan configuration
- Not need rewires when deploying, and won't damage the original decoration in the home or office;

**Product Specification**

| Specification | Description |
|---|---|
| Port | Four 10/100M self-afaptive FE ports（Auto MDI/MDIX）<br>One Cable port, One TV port |
| Indicator | Link/Act (Eth port)<br>Link (Cable)<br>Power (Power supply)<br>SYS (System) |
| RF | Work frequency: 7.5～86MHz<br>Maximum ouput power：107 dBuV<br>Receiving sensitivity：-25 dBm<br>Port：F type Female socket(English system)<br>Output impedance：75Ω |
| Standards | IEEE 802.3, IEEE 802.3x<br>IEEE 802.3u Auto MDI (X) |
| Protocol | 下行 TDM / 上行 TDMA/CSMA |
| Performance | Physical layer：1000Mbps<br>MAC layer：500Mbps |
| Modulation Mode | OFDM 4096/1024/256/64/16/8-QAM, QPSK, BPSK |
| Transmission Distance | 1km by -5 coaxial cable |
| Encryption | 128-bit AES |
| Power supply | External, 12V DC，500mA |
| Dimension | 138×95×29 mm |
| Work Temperature | 0℃～40℃ |