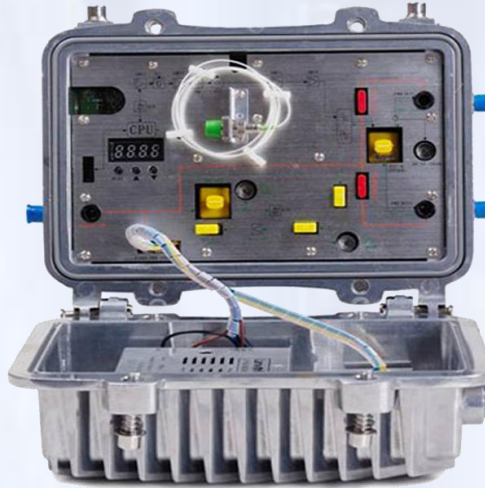


ON802A Two Ways Outdoor Bi-directional Optical Receiver (With AGC)

MODEL: ON-802A



Products Description

ON802A is the high-end 2 output CATV network optical receiver. This type adopt GaAs MMIC amplification in preceding stage, post processing adopt GaAs power double module, built-in AGC design and reserve optical communication interface which can configure standard Class II network management responder. This is the main model in large CATV networks.

Optical Parameter

| | | |
|-------------------------------|-----|--|
| Optical Return Loss | dB | ≥45 |
| Optical Wavelength | nm | 1100 ~ 1600 |
| Optical Fiber Connector Model | | FC/APC SC/APC or chosen by the subscribers |
| Received Optical Power | dBm | -7 ~ +2 |

RF Parameter

| | | |
|---|------|----------|
| Frequency Range | MHz | 45 ~ 862 |
| Flatness In Band | dB | ±0.75 |
| Output Level | dBμV | ≥108 |
| Maximum Output Level | dBμV | ≥112 |
| Return Loss | dB | ≥16 |
| Input Impedance | Ω | 75 |
| Electrically-controlled Equilibrium Range | dB | 0 ~ 10 |
| Electrically-controlled Attenuate Range | dBμV | 0 ~ 20 |

Reverse Transmitter Optical Parameter

| | | |
|-------------------------------|----|--|
| Optical Wavelength | nm | 1310±10 |
| Output Optical Power | mW | 1 ~ 5 |
| Optical Fiber Connector Model | | FC/APC SC/APC or chosen by the subscribers |

RF Parameter

| | | |
|---------------------|------|-------------------------------|
| Frequency Range | MHz | 5 ~ 65 |
| Flatness In Band | dB | ±1 |
| Input Level | dBμV | 85 ~ 90 |
| Supply Voltage | V | A:AC(150 ~ 265) B:AC(35 ~ 90) |
| Working Temperature | °C | -40 ~ 60 |
| Storage Temperature | °C | -40 ~ 60 |
| Power Consumption | VA | ≤30 |
| Dimension | mm | 245(L) X 200(W) X 130(H) |



Link Parameter

| | | |
|-----|----|-------------------------|
| CNR | dB | ≥ 51 (-2dBm input) |
| CSO | dB | ≥ 65 |
| CTB | dB | ≥ 60 |

Due to continuous improvement, all products specifications are subject to change without further notice.
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