

GPON RX TV ACT

GPON



Passive Optical Network Terminal for digital TV signal distribution using the PON network. The receiver is equipped with an integrated WDM diplexer to separate the TV band from the data.

Technical Chars

• Passive ONT with 1 x CATV output and integrated WDM diplexer

GPON RX TV ACT

| Optical section SC/APC single-mode (input 1550/1490/1310) SC/PC single-mode (demix 1490/1310 output for ONT) Wavelength nm - PON max. distance Mbps - Optical sensitivity - - Optical saturation dBm <= 0 Inputs isolations dB >32 Optical input level dB >45 Optical input level dB -18 to 0 (recommended -15 to -1) POTS Section Standard _ | GPON RX IV ACT | | |
|---|---------------------|------|--|
| Connector type SC/APC single-mode (input 1550/1490/1310) SC/PC single-mode (demix 1490/1310 output for ONT) Wavelength nm - PON max. distance Mbps - Optical sensitivity - - Optical saturation dBm <= 0 | Code | | 287852 |
| Connector type 1490/1310 output for ONT) Wavelength nm PON max. distance Mbps Optical sensitivity - Optical saturation dBm velocities associations dB Optical return loss dB Optical input level dB Velocities associations e18 to 0 (recommended -15 to -1) POTS Section e18 Standard e18 Velocities associations e18 | Optical section | | |
| PON max. distance Mbps - Optical sensitivity - Optical saturation dBm <= 0 | Connector type | | SC/APC single-mode (input 1550/1490/1310) SC/PC single-mode (demix 1490/1310 output for ONT) |
| Optical sensitivity - Optical saturation dBm Inputs isolations dB Optical return loss dB Optical input level dB Optical input level dB POTS Section Standard - | Wavelength | nm | - |
| Optical saturationdBm<= 0Inputs isolationsdB>32Optical return lossdB>45Optical input leveldB-18 to 0 (recommended -15 to -1)POTS SectionStandard-Management- | PON max. distance | Mbps | - |
| Inputs isolations dB >32 Optical return loss dB >45 Optical input level dB -18 to 0 (recommended -15 to -1) POTS Section Standard - Management - | Optical sensitivity | | - |
| Optical return loss dB >45 Optical input level dB -18 to 0 (recommended -15 to -1) POTS Section - Standard - | Optical saturation | dBm | <= 0 |
| Optical input level dB -18 to 0 (recommended -15 to -1) POTS Section - Standard - Management - | Inputs isolations | dB | >32 |
| POTS Section Standard Management | Optical return loss | dB | >45 |
| Standard | Optical input level | dB | -18 to 0 (recommended -15 to -1) |
| Management | POTS Section | | |
| | Standard | | - |
| Option mode - | Management | | |
| | Option mode | | - |

Data sheet



CATV Section

| CATV Section | | |
|--------------------------|-------|-------------------------------------|
| Connector | | F female |
| Output level | dBµV | 60 (±2) (@ 0dBm) |
| RF frequency range | MHz | 47 - 1000 |
| Wavelength input | nm | 1550 (±10) |
| Impedence | ohm | 75 |
| Flatness | dB | 1.5 |
| MER RF | dB | >32 |
| S/N Channel | dB | >42 |
| Return loss | dB | >14 |
| Wifi Section | | |
| Working mode | | - |
| Bitrate | | - |
| Encryption | | - |
| Specifications | | |
| Power supply voltage | Vdc/A | 12/0.5 |
| Power supply voltage | V/A | - |
| Current consumption | W | 3 |
| Operating temperature | °C | -20 to +50 |
| Storage temperature | °C | -40 to +85 |
| Relative humidity | % | from 5 to 95 (without condensation) |
| Dimensions and packaging | | |
| Packing | | Single |
| Pieces | | 1 |
| Packaging dimensions | mm | 165 x 140 x 35 |
| Product dimensions | mm | 125 x 80 x 28 |
| Packaging weight | Kg | 0.75 |
| Weight | Kg | 0.50 |
| | | |