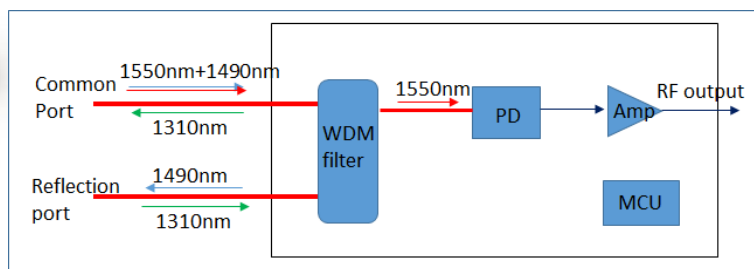
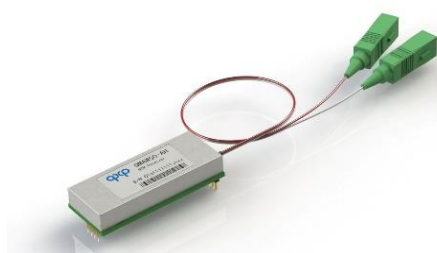


Triple Play CATV Optical Receiver

Description

QMAW Series CATV Optical Receiver: Designed for FTTH applications, the receiver integrates WDM and PIN and can fulfill triple play functions when used as part of an PON ONU/ONT. The receiver has a built-in AGC circuit for power leveling and also supports Enable/Disable of the RF video output signal.



Key Features

- ✧ Integrated High Isolation WDM and PD
- ✧ High Performance Analog InGaAs PIN
- ✧ High responsivity, high linearity
- ✧ Low Power Consumption
- ✧ Large AGC Dynamic Range
- ✧ I²C interface
- ✧ Input Optical Power Monitoring
- ✧ RF Output Level Monitoring
- ✧ RF Output Signal Enable/Disable
- ✧ Temperature Monitoring
- ✧ ROHS 2.0 compliant

Applications

- ✧ Triple play ONU/ONT

QMAW Series CATV Receiver Product specifications

Frequency Range (MHz)	AGC Range (dBm)	RF output Level (dBuV)	CNR (dB)	Input Optical Power (dBm)
47~1000	-8~-2/-10~0	78~82	>46	-15~+2