

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		
Code		287852
Optical section		
Connector type		SC/APC single-mode (input 1550/1490/1310) SC/PC single-mode (demux 1490/1310 output for ONT)
Wavelength	nm	1310 - 1490
Optical saturation	dBm	<= 0
Inputs isolations	dB	>32
Optical return loss	dB	>45
Sensitivity adjustment		-12 to -2 dbm
Optical input level	dB	-18 to 0 (recommended -15 to -1)
CATV Section		
Connector		F female
Output level	dBμV	60 (±2) (@ 0dBm)
RF frequency range	MHz	47 - 1000
Wavelength input	nm	1550 (±10)
Impedence	Ω	75
Flatness	dB	1.5
MER RF	dB	>32
S/N Channel	dB	>42
Return loss	dB	>14

Specifications		
Power supply voltage	Vdc/A	12/0.5
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