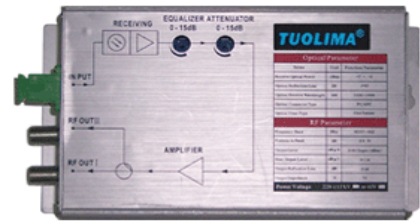


Description

TA8030 is a mini type optical receiver with different amplifier module (Chinese, GaAs and PHILIPS) intended for FTTH application. High performance and best price provide a more choice for your access network.



- ◆ High quality E-O PIN-diode receiving module.
- ◆ Wide range of input optical power.
- ◆ Different kind of amplifier module.
- ◆ Plug-in splitter (tap) in output.
- ◆ Local and remote powering.
- ◆ Aluminum alloy type material housing.

Electrical performance

Item	Unit	Specification	
		TA8030(C2,P)	TA8030(C1)
Forward Optical Receive Parameter			
Optical Parameter			
Input Power Range	dBm	-7~-2	
Suggested Power Range	dBm	-5~-3	
Optical Wavelength	nm	1100 ~1600	
Optical Return Loss	dB	>45	
Fiber Type		Single Mode	
System Parameter			
C/N	dB	≥50	≥50
C/CTB	dB	≥63	≥60
C/CSO	dB	≥60	≥58
RF Parameter			
Frequency Range	MHz	45/87~862	
Flatness	dB	±0.75	±1.0
Output Power Level	dBuV	≥98 (Received Level at -2dBm)	
Max. Output Level	dBuV	100	
Return Loss	dB	≥14	
Output Impedance	Ω	75	

General

- ◆ Connectors : FC/APC or SC/APC, F connector imperial thread
- ◆ Power supply : AC160~250V(local powering); AC30~60V(remote powering)
- ◆ Power consumption : 10 W
- ◆ Operating Temperature : -40 ~ +60 °C
- ◆ Storage Temperature : -40 ~ +65 °C
- ◆ Relative Humidity: max. 95% no condensation
- ◆ Dimension: 200 (L)*120 (W)*60 (H) mm
- ◆ Weight: 0.7Kg