

## Optical receiver, FC/APC, 35-90V , without return path

**ACE WR8602JL**

SKU :



The **ACE WR8602JL** is our new high-class 2-way output CATV optical receiver.

### Main Features:

- With PIN Photoelectric Converter and High Response.
- Optimization circuit design, SMT process production, optimization signal path, fluency photoelectric signal transmission
- With specialized RF attenuate IC, Good linear of RF attenuation and equality and high accuracy.
- GaAs amplify, power double output, high gain and low distortion.
- Microprocessor control working status, LED shows all parameters, convenience operation and high stability.
- Optimization AGC performance, when the input power range is  $-9\sim+2\text{dBm}$ , the output lever, CTB and CSO keep constantly.
- Backup data communications interface, it is convenient to connect with network management responder, connecting with network management system.



## Specifications:

Product		ACE WR8602JL	
Item	Unit	Technical Parameters	
<b>Optical Parameter</b>			
Receive Optical Power	dBm	-9 ~ +2	
Return Loss	dB	> 45	
Optical Wavelength	nm	1100 ~ 1600	
Connector Type		FC/APC or SC/APC	
Fiber Type		Single Mode	
<b>Circuit Performance</b>			
C/N	dB	≥ 51(-2dBm Input)	
C/CTB	dB	≥ 65	Output Level 108 dBμ V Balanced 6dB
C/CSO	dB	≥ 60	
<b>RF Performance</b>			
Frequency Range	MHz	45 ~862	
Flatness in Band	dB	± 0.75	
Rated Output Level	dBμ V	≥ 108	
Max Output Level	dBμ V	≥ 114	
Output Return Loss	dB	≥ 16(45 ~550MHz)	≥ 14(550 ~862MHz)
Output Impedance	Ω	75	
Electronic Control EQ Range	dB	0~10	
Electronic Control ATT Range	dBμ V	0~20	
<b>Return Transmit Performance Parameter</b>			
<b>Optical Parameter</b>			
Optical Transmit Wavelength	nm	1310± 10	
Output Optical Power	dBm	1 ~ 5	
Connector Type		FC/APC or SC/APC	
<b>RF Parameter</b>			
Frequency Range	MHz	5 ~ 65 or according to the requirement of user	
Flatness in Band	dB	± 1	
Input Level	dBμ V	85 ~ 90	
Output Impedance	Ω	75	
<b>General Parameter</b>			
Supply Voltage	V	A: AC(150~265)V; B: AC(35~90)V	
Operating Temperature		-40~60	
Storage Temperature		-40~65	
Relative Humidity	%	Max 95% No Condensation	
Consumption	VA	≤ 30	
Dimension	mm	240*240*150	

