

FTTx Mini Indoor Optical Receiver Node MATV/CATV System

ACE-WR1088M



Product Summary:

ACE-WR1088M FTTx Mini Indoor Optical Receiver Node MATV/CATV System is the featured receiver that we specially designed for FTTx FTTh FTTb FTTr network structure. With small shell, compact and reasonable internal circuit structure and excellent performance indicators. It is the first choice for residential area and home fiber optic network.

Features & Benefits:

1. Forward receive Wavelength 1540~1565nm
2. Receive Optical Power -7 ~ +2dBm
3. Frequency Range 45~862 MHz
4. Fiber Optic type: Single mode
5. Connector: SC/APC
6. Output impedance: 75Ω
7. Operating temperature: -20~+55°C
8. Storage temperature °C -20~+60
9. Supply voltage: 12V DC
10. Power consumption < 1.6W

Specifications:

Item	Unit	WR1088M
Forward receive Wavelength	nm	1540~1565
Receive Optical Power	nm	-7 ~ +2dBm
Return Loss	dB	> 45dB
C/N	dB/Hz	≥ 51dB
C/CTB	GHz	≥ 65dB
C/Cso	dB	≥ 62dB
Frequency Range	MHz	45~ 862 MHz
Flatness in Band	dB	±0.75dB
Rated Output Level	dBuV	≥ 88dBuV
Output Return Loss	dB	≥ 16dB
Fiber Optic type	-	Single mode
Connector	-	SC/APC
Output impedance	Ω	75Ω
Operating temperature	°C	-20~+55
Storage temperature	°C	-20~+60
Supply voltage	DC	12V DC
Power consumption	W	< 1.6W

