TA8604JL

Description

Optical receiver, 4-port output, pin diode, GaAs MMIC amplifier module, 45-862MHz, imperial F type female port, FC/APC or SC/APC connector, rated output level 108dBuV, optical AGC control, waterproof housing, AC150~265V (power cord with EURO (2 pole with GND) or USA standard plug (3 pole)。

Feature

- High gain, high output level and low non-linearities
- Plug-in fixed or variable attenuator and equalizer(0~20dB)
- Different frequency split is specified by clients
- Local and remote powering available
- Weatherproof and RF-screened die-cast housing

Electrical performance

Item	Unit	Specification
Forward Optical Receive Parameter		
Optical Parameter		
Receiving Optical Power	dBm	-9~+2
Optical Return Loss	dBm	>45
Optical Wavelength	dB	1100~1600
Optical Connector Type	nm	FC/APC, SC/APC or specified by the user
Operating Fiber Type		single mode
System Parameter		
C/N	dB	>51
C/CTB	dB	≥ 65
C/CSO	dB	>60
RF Parameter		
Frequency Range	MHz	45 ~862
Flatness	dB	±0.75
Rated Output Level	dBuV	≥ 108
Max. Output Level	dBuV	≥ 112
Return Loss	dB	≥16(45-550MHz);≥14(550-862MHz)
Output Impedance	Ω	75
Return Optical Transmit Parameter		
Optical Parameter		
Optical Wavelength	nm	1310±10 or 1550±10

Laser Type		FP or DFB
Output Optical Power	dBm	0.5, 1, 2（optional)
RF Parameter		
Frequency Range	MHz	5~30/65
Flatness	dB	±1
Input Power Level	dBuV	72 ~ 85
Output Impedance	Ω	75

General

- Connectors : FC/APC or SC/APC , F connector imperial thread
- Power supply : AC135~250V(local powering);AC35-90V(remote powering)
- Power consumption : ≤ 30
- Operating Temperature :-40~60℃
- Storage Temperature:-40~65
- Relative Humidity :max. 95% no condensation
- Dimension:320（L）╳200（W）╳140（H）