



	1310nm	1550nm		1310nm	1550nm
ORH-1020AR-1310	●		ORH-2020AR-1310	●	
ORH-1020AR-1550		●	ORH-2020AR-1550		●

Features

- * Aluminium die-cast housing, nickel-plated
- * Designed for FTTH networks
- * Using GaAs amplifier active devices
- * Smaller size and easier installation
- * Red-LED for power indication
- * Optional features

Specification: ORH-1020AR-1310

Item	Description	Remark
Customer Interface		
RF Connector	F-female	
Optical Connector	SC/APC or FC/APC	
Power Supply	F-female	
Optical Parameter		
Responsivity	≥0.9 A/W	
Input Optical Power	-10 ~ +3 dBm	
	-7 ~ +2 dBm	With AGC
Optical Return Loss	≥45 dB	
Input Wavelength	1260~1600 nm	
Optical Fiber Type	Single Mode	
Output Optical Power	10 mW	
Optical Return Loss	≥45 dB	
Output Wavelength	1310 nm	ORH-1020AR-1310
RF Parameter		
Frequency Range	47-1000 MHz	
Flatness	±0.75 dB	
CNR	≥50 dB	@-1dBm input power
CSO	≥62 dB	@-1dBm input power
CTB	≥65 dB	@-1dBm input power
Return Loss	≥16 dB	
AGC Stability	±1 dB	With AGC function
Other Parameter		
Power Supply	12 VDC	
Power Consumption	<3 W	
Dimensions	100*98*28 mm	
Housing Material	Aluminium alloy	

Specification: ORH-2020AR-1310

Item	Description	Remark
Customer Interface		
RF Connector	F-female	
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Optical Parameter		
Responsivity	≥0.9 A/W	
Input Optical Power	-10 ~ +3 dBm	
	-7 ~ +2 dBm	With AGC
Optical Return Loss	≥45 dB	
Input Wavelength	1260~1600 nm	
Optical Fiber Type	Single Mode	
Output Optical Power	10 mW	
Optical Return Loss	≥45 dB	
Output Wavelength	1310 nm	ORH-2020AR-1310
RF Parameter		
Frequency Range	47-2150 MHz	
Flatness	±0.75 dB	
CNR	≥50 dB	@-1dBm input power
CSO	≥62 dB	@-1dBm input power
CTB	≥65 dB	@-1dBm input power
Return Loss	≥16 dB	
AGC Stability	±1 dB	With AGC function
Other Parameter		
Power Supply	12 VDC	
Power Consumption	<3 W	
Dimensions	100*98*28 mm	
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Testing conditions: 1550nm optical transmitter 3.8% OMI(optical modulation index) at 59ch PAL-D