



FTTB2105R Series Outdoor AGC Optical Receivers

MODEL: FTTB2105R



Products Description

FTTB2105R series outdoor AGC optical receivers are designed for FTTB and FTTH application. This device add AGC function to make receiving optical power within $-7\text{dBm} \sim +2\text{dBm}$, but output level and other indexes are remain the same. The whole unit with high performance and easy to use, it's the first choice in large-scale optical fiber network.

Other Parameter

Optical Wavelength	nm	1100 ~ 1600
Input Optical Power	dBm	-7 ~ +2
Suggest Input Optical Power	dBm	-3 ~ +2
Optical Return Loss	dB	≥ 45
Optical Fiber Connector Type		FC/APC or SC/APC

RF Parameter

Frequency Rang	MHz	45/87 ~ 750/862
Band-In Flatness	dB	± 0.75
Output Return Loss	dB	≥ 16
Interstage Attenuation	dB	0 ~ 15 or fixed plug-in
Mid-stage Equilibrium	dB	0 ~ 15 or fixed plug-in
C/N	dB	≥ 51 (@-1dBm input)
CTB	dB	≥ 65
CSO	dB	≥ 60
RF Output Level	dB μ V	105 (-7 ~ +2 dBm)
Power Voltage	V	AC(130 ~ 265) Or AC(35 ~ 85)
Power Consumption	VA	≤ 10

Due to continuous improvement, all products specifications are subject to change without further notice. Contact us for custom requirements. E-mail: Sales@zhtelecomm.com Website: www.zhtelecomm.com
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