

## GOAU5G Optical Antenna Unit

GOAU5G optical antenna unit (OAU) is designed to convert RF PON signal from GTR5GW7 Optical Antenna Terminal into 5G NR 2T2R RF or 5G+WiFi7 wireless signals at each FTTH terminal. GOAU5G has one fiber input and 4 wireless antennas, offering full connections for 5G cell phones and smart home electronics with WiFi. GOAU5G has 100mW 5G RF power to meet 5G signal demands at each FTTH family. Besides 5G FDD signal, GOAU5G can support WiFi7 2.4GHz/5.8GHz/6GHz TDD signals (5G Advanced, 5G-A) in the same FTTH network, offering 5G cell phone roaming and high-speed internet.



### Features:

- 5G/WiFi7 RF-PON FTTH terminal
- Compact plastic housing with 1 fiber port and 4 Antennas
- 5G FDD+TDD 2T2R RF services
- 5G Advanced (FDD+WiFi7) optional
- 20dBm RF power serving all wireless terminals in the home

### Specifications:

<b>Fiber Optic Performance</b>	
Optical Wavelength	Single Fiber Bi-Direction: 1550nmTx and 1610nm Rx
Optical Output Power	>+7dBm@1550nm
Optical Sensitivity	-27dBm@1610nm
OAT Network	1x32, supporting 32pcs Optical Antenna Unit (OAU) Fiber Distance: 20Km
RF over Fiber Bandwidth	6GHz
Optical Return Loss	<40dB, SC/APC
<b>RF Performance</b>	
<i>For more information, Please contact <a href="mailto:info@greatwaytech.com">info@greatwaytech.com</a></i>	