

## TR-5821

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### **Integrated Point to Point 5.8 GHz 5 mile Backhaul Solution**

Includes the following:

- 1 - 40dBm total EIRP
- 1 - Integrated Outdoor 21db Antenna Enclosure
- 1 - Horizontal or Vertical Mounting Bracket
- 1 - Power Over Ethernet Kit



## TR-5826 / TR-5829 / TR-5832

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### **Point to Point 5.8GHz External Antenna, 10, 20 mile, & Extended Range Backhaul Solutions**



Includes the following:

- 1 - Integrated Outdoor Enclosure (**TR-5800**)
- 1 - Certified 1 meter 5.8Ghz Antenna Cable with N- Connectors
- 1 - Power Over Ethernet Kit

**TR-5826 includes the following antenna:**

- 1 – 26dBi 5.8GHz Grid Antennas (10 Miles)

**TR-5829 includes the following antenna:**

- 1 - 29dBi 5.8GHz 2 foot Dish Antenna & Radome (20 Miles)

**TR-5832 includes the following antenna:**

- 1 - 32dBi 5.8GHz 3 foot Dish Antenna & Radome (Extended Range)

# Specifications

## TR-5821

## TR-5800

<b>Standards:</b>	802.11a	802.11a
<b>Frequency Range</b>	5.15GHz to 5.25GHz (lower band) for US/Canada, Japan; 5.25GHz to 5.35GHz (middle band) for US/Canada; 5.725GHz to 5.825Ghz (upper band) US/Canada	5.15GHz to 5.25GHz (lower band) for US/Canada, Japan; 5.25GHz to 5.35GHz (middle band) for US/Canada; 5.725GHz to 5.825Ghz (upper band) US/Canada
<b>FCC ID:</b>	QRF-TR-5821 (pending)	QRF-TR-5800 (pending)
<b>Radio Mode:</b>	Point-to-Point	Point-to-Point
<b>Data Range &amp; Modulation:</b>	6, 9, 12,18,24,36,48,54Mbps, OFDM	6, 9, 12,18,24,36,48,54Mbps, OFDM
<b>Communication Method:</b>	Half-Duplex	Half-Duplex
<b>Transmit Power</b>	20dBm	20dBm
<b>Receiver Sensitivity:</b>	54 Mbps: -65 dBm, 48 Mbps: -66 dBm, 36 Mbps:-70 dBm, 24 Mbps:-72 dBm, 18 Mbps:-77 dBm, 12 Mbps:-79 dBm, 9 Mbps: -81 dBm, 6 Mbps: -82 dBm	54 Mbps: -65 dBm, 48 Mbps: -66 dBm, 36 Mbps:-70 dBm, 24 Mbps:-72 dBm, 18 Mbps:-77 dBm, 12 Mbps:-79 dBm, 9 Mbps: -81 dBm, 6 Mbps: -82 dBm
<b>Antenna:</b>	21dB Panel	26dBi Grid, 29dBi, or 32dBi Dish
<b>Horizontal Beamwidth:</b>	12 degrees	6 Degrees
<b>Vertical Beamwidth:</b>	16 Degrees	6 Degrees
<b>Polarization:</b>	Horizontal. or Vertical	Horizontal or Vertical
<b>Remote Config</b>	Based on IP Address	Based on IP Address
<b>Device Management</b>	Web-Based Management, Telnet	Web-Based Management, Telnet
<b>Protocol Supported</b>	TCP/IP, IPX, NetBEUI	TCP/IP, IPX, NetBEUI
<b>Ethernet Connector:</b>	10/100 base T (Water Tight RJ-45)	10/100 base T (Water Tight RJ-45)
<b>Operating Temperature:</b>	- 50 Deg C to +50 Deg C	-65 Deg C to +60 Deg C
<b>Dimensions:</b>	13" x 10"	13" x 10"
<b>Warranty:</b>	1 Year Depot	1 Year Depot