

## Trio Product Family Overview

Trios are 3-sector basestation antenna systems concealed inside compact radome tubes. Trios can be equipped with SmartTilt™ antenna technology to allow independent electrical beam tilt on each sector. Due to their extremely small size, Trio antennas blend into the environment, allowing operators the ability to achieve coverage in otherwise impossible to zone locations.

**FEATURES:**

- 3-Sectors, 120° apart
- 9-inch and 18-inch diameter versions
- Independent, variable electrical downtilt
- Built-in connector access compartment
- Optional flagpole ball & truck assembly
- Optional lightning protection kit
- RET capability on each sector

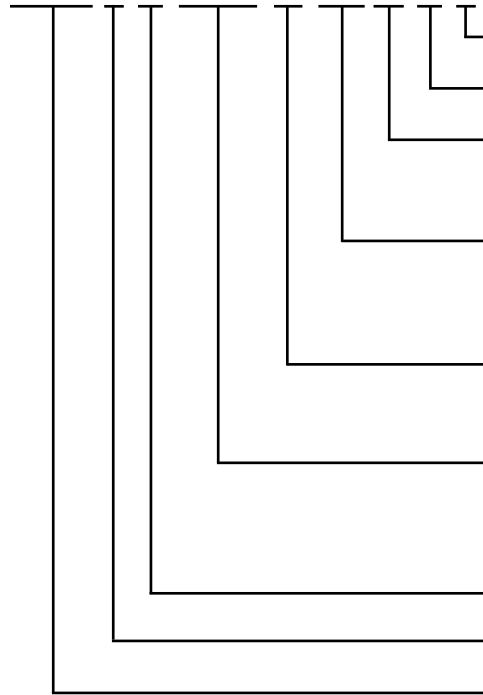


| Product Matrix          | WideBand TRIO<br>1710-2170 MHz | Cellular TRIO<br>806-940 MHz   | DualBand TRIO<br>806-940/1710-2170 MHz       | Tri Band TRIO<br>824-960/1710-2170 MHz                |
|-------------------------|--------------------------------|--------------------------------|--|---|
| <b>Model:</b>           | <b>WB3X072X18x00</b>           | <b>SL3X065X17x00</b>           | <b>DS3X065X17x00</b>                         | <b>TW3X065X17x00</b>                                  |
| Polarization:           | 3x X-Pol                       | 3x X-Pol                       | 3x DualBand X-Pol                            | 3x Tri Band X-Pol                                     |
| Dims (DxL):             | 9 x 72 inches (230 x 1828 mm)  | 18 x 68 inches (457 x 1727 mm) | 18 x 68 inches (457 x 1727 mm)               | 18 x 68 inches (457 x 1727 mm)                        |
| Gain:                   | 18.0 dBi                       | 14.5 dBi                       | 14.5 dBi / 17.5 dBi                          | 14.0 dBi / 17.0 dBi / 17.0 dBi                        |
| Elec Tilt (per sector): | 0°-10°                         | 2°-14°                         | 2°-14° / 2°-10°                              | 2°-14° / 2°-10° / 2°-10°<br>(With Internal Diplexers) |
| <b>Model:</b>           | <b>WB3X072X24x00</b>           |                                | <b>DS3X065X17x10</b>                         |   |
| Polarization:           | 3x X-Pol                       |                                | 3x DualBand X-Pol                            |   |
| Dims (DxL):             | 9 x 92 inches (230 x 2337 mm)  |                                | 18 x 68 inches (457 x 1727 mm)               |   |
| Gain:                   | 19.0 dBi                       |                                | 14.0 dBi / 17.0 dBi                          |   |
| Elec Tilt (per sector): | 0°-6°                          |                                | 2°-14° / 2°-10°<br>(With Internal Diplexers) |   |
| <b>Model:</b>           | <b>WB3X065T17x00</b>           |                                |  |   |
| Polarization:           | 3x XX-Pol                      |                                |  |   |
| Dims (DxL):             | 18 x 68 inches (457 x 1727 mm) |                                |  |   |
| Gain:                   | 17.5 dBi                       |                                |  |   |
| Elec Tilt (per sector): | 2°-10°                         |                                |  |   |

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**TYPICAL MODEL NOMENCLATURE:**

**WB3X072X18R00**



**Mechanical Variations**

**RF Variations**

**Tilt Type:**

**M** = Manual Electrical Tilt

**R** = Remote Electrical Tilt

**Module Length:**

**17** = 1.7 Meter

**18** = 1.8 Meter

**24** = 2.4 Meter

**Feature Code:**

**T** = "Twin" Side by Side Array

**X** = Standard Configuration

**Azimuth BW per Sector:**

**072** = 72°

**065** = 65°

**085** = 85°

**Polarization:** **X** = Cross Pol

**Number of Sectors**

**Frequency:**

**WB** = 1710-2170 MHz

**SL** = 806-940 MHz

**DS** = 806-940 / 1710-2170 MHz

**TW** = 824-960 / 1710-2170 MHz