

6-Port High Band Base Station Antenna with Internal RET: New Product



CommScope's new 6-port V3-65A-R3 high band antenna offers the same **superior performance** as is seen in its series with extended ultra-wideband technology. The V3-65A-R3 series antennas with three horizontally stacked arrays **support the major air-interface standards worldwide** – for high band applications. Provides a future-ready antenna solution with flexibility to reassign antenna, for example GSM 1800 service to 2.6GHz LTE. The electrical downtilt associated with each pair of RF ports can be adjusted independently via the **AISG port at the bottom of the antenna**. This antenna provides flexibility to support 4x MIMO schemes on high band and an additional 2 ports provide flexibility to cater to UMTS/2X2 MIMO, as well. This antenna features 4.3-10 female connectors which is 40 percent smaller than the 7-16 DIN connector.

Product Highlights

- V3-65A-R3 has **three independent arrays** — All arrays (6 ports) supporting 1695–2690 MHz
- **Compact antenna solution** — The antenna provides a compact solution with the Internal RET to reduce visual impact and wind load.
- **Excellent RF pattern control** — over the full operating band and tilt range for desired coverage and interference containment.
- Provides a “**future-ready**” antenna solution — Enables flexibility to add or upgrade sectors to LTE 1800, LTE 2300 or LTE 2600 on high band and sustain existing 1800 GSM / 2100 UMTS scenarios.
- **4T4R/4T2R MIMO** support for high band applications. The radiating arrays are separated horizontally for best MIMO performance and highest gain. **LTE Advance Carrier Aggregation ready**.

Ordering Information:

Model Number	Beamwidth	Frequency (MHz)/Ports	Length	RET Option
V3-65A-R3	65°	1695–2690 / 6-ports	1.32 m (51.96 in)	Internal RET

Supporting Information:

Please contact your local CommScope representative for additional information.