

8-Port Multiband Base Station Antenna: New Product

CommScope introduces two new 8-port ultra-wide band antennas, RV3-65D-R4-V2 and RV3-65D-R4-V3, featuring 2 low band ports and 6 high band ports in 350 mm width—designed to excel in performance.

This antenna is the perfect option to replace old single and dual band antennas, reducing tower load and saving tower leasing costs.

Verified wind tunnel test data shows frontal wind load is improved by 60% against previous TIA-222-G load calculation methodology. Read [white paper](#) to learn more about wind tunnel testing methodology.



The high band ports give flexibility to upgrade to 4X MIMO in addition to supporting existing GSM / WCDMA Networks.

- 4 Independent arrays (1 low band and 3 high bands) are housed in a single radome
- LTE Advance Carrier Aggregation ready
- Internal RET with two sets of AISG ports (2 inputs and 2 outputs) empowers operators and OEMs to field configure any combination of arrays to the sets of AISG ports for independent control in antenna sharing applications.
- Excellent RF pattern control over the full operating band and tilt range optimizes coverage and contains interference.
 - High band, 6 ports: Supports 1695–2690 MHz
 - Low band, 2 ports: Supports 694–960 MHz
- Available in 7-16 DIN Female and 4.3-10 connector versions
- RV3-65D-R4-V2 provides added advantage of a tilt scale indicator



Ordering Information:

Model Number	Horizontal Beamwidth	Dimensions (L x W x D), mm	Frequency bands supported (MHz)	RET Option	Connector type
RV3-65D-R4-V2	65°	2688 X 350 X 208	694–960 / 1695–2690	Internal	7-16 DIN Female
RV3-65D-R4-V3	65°	2688 X 350 X 208	694–960 / 1695–2690	Internal	4.3-10

Please contact your local CommScope Sales Representative for more information.