

6-Port Multiband Base Station Antenna: New Product

CommScope introduces a new 6-port ultra-wideband antenna, RVV-65D-R3, featuring 2 low band ports and 4 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 show frontal wind load improved by 60% against previous TIA-222-G load calculation methodology. Read [white paper](#) to learn more about wind tunnel testing methodology.

Four high band ports give flexibility to upgrade to 4X MIMO in the high band.



- 3 Independent arrays (1 Low band and 2 high bands) are housed in a single radome
- Symmetrical high band arrays with consistent electrical performance
- Excellent RF pattern control over the full operating band and tilt range optimizes coverage and contains interference.
 - High band, 4 ports: Supports 1695–2690 MHz
 - Low band, 2 ports Supports 694–960 MHz
- Available in 4.3-10 connector version—40 percent smaller connector than the 7-16 DIN

Ordering Information:

| Model Number | Horizontal Beamwidth | Dimensions (L x W x D), mm | Frequency bands supported (MHz) | RET Option | Connector type |
|----------------------------|----------------------|----------------------------|---------------------------------|------------|----------------|
| RVV-65D-R3 | 65° | 2688 X 350 X 208 | 694–960 / 1695–2690 | Internal | 4.3-10 |

Please contact your local CommScope Sales Representative for more information.