

8-port Ultra-Wideband Base Station Antennas, supporting 1400 MHz (L-Band, LTE 1500): New Product

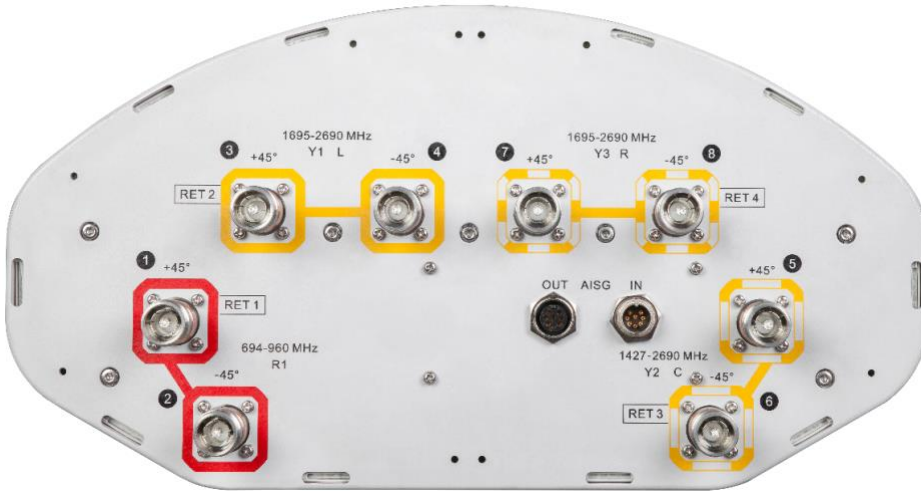
CommScope introduces a new 1.5m 8-port ultra-wideband antenna featuring 2-ports supporting Low Band and 6-ports supporting High Band to compliment a 2m version that was recently launched to the market in Jan 2018.

The RZVV-65A-R4 ultra-wideband antenna is the next in CommScope's RZVV ultra-wideband antenna family which incorporates 3 horizontally-spaced high band arrays and a single low band array in a 395 mm-wide package. This arrangement enables operation in the 1400 MHz Band (L-Band, LTE 1500) along with the 700, 800 and 900 MHz Bands and maximizes 4X MIMO capability in the 1800, 2100 MHz & 2600 MHz bands. The RZVV-65A-R4 compliments the existing 2m RZVV-65B-R4 antenna.

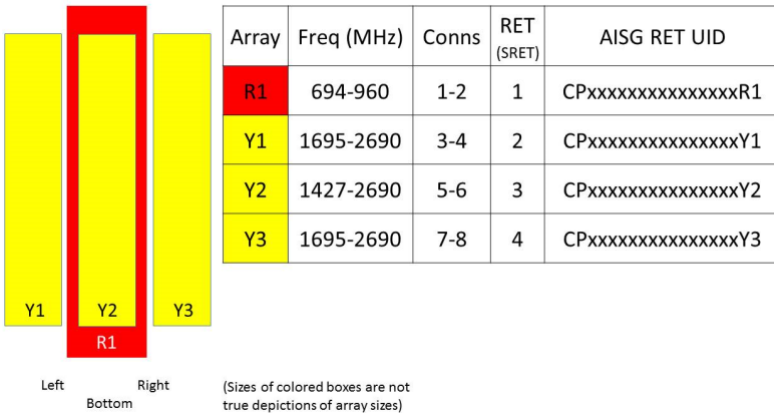
- Low Band Array provides 2-Ports for operation over the full 694-960 MHz band
- Two High Band Arrays provide 4-Ports for operation over the full 1695-2690 MHz band. Arrays are horizontally spaced to maximize 4x MIMO capability
- A further single High Band Array supports operation over the full 1427-2690 MHz range – thus providing support for 1400 MHz SDL applications (L-Band, LTE1500).
- 4.3-10 connectors facilitate accessibility at installation
- Internal fully integrated RET system
- RET control of tilt setting is independent for each pair of ports
- RF and AISG ports are color coded and clearly marked for ease of identification
- The antenna radome housing features a special shape that permits 3 antennas to be installed as close as possible to each other on a single pole solution in tri-sector configuration, thereby reducing the overall maximum diameter of the tri-sector arrangement. For such specific applications, please contact CommScope for additional details as the antenna mounting components are different for such applications.



Port Configuration



Array Layout



Ordering Information: Please visit CommScope eCatalog at the link provided:

RZVV-65A-R4 : https://www.commscope.com/catalog/antennas/product_details.aspx?id=69300&sayt=1

RZVV-65B-R4 : https://www.commscope.com/catalog/antennas/product_details.aspx?id=67621&sayt=1

Part Number	Beamwidth	Frequency (MHz) / Ports	Length (m)	RET
RZVV-65A-R4	65°	694-960 / 4-ports	1.499	CommRET v2, 1x AISG I/O port pairs; cascaded SRET mode
RZVV-65B-R4		1427-2690 / 2-ports 1695-2690 / 4-ports	1.980	