

6-port Ultra-Wideband Base Station Antennas, now with 4.3-10 Connectors: New Product

CommScope introduces new versions of the successful RVVPX series 6-port ultra-wideband antennas now featuring 4.3-10 connectors. Three models are now available: RVVPX306.11R-V2, RVVPX308.11R-V3 and RVVPX310.11R-V3. These ultra-wideband antennas incorporate two horizontally-spaced high band arrays and a single low band array in a 0.35m wide package. This arrangement maximizes 4X MIMO capability in the High Band.

- Low Band Array supports the 700, 800 and 900 MHz bands
- Two High Band Arrays provides 4-Ports covering the 1800, 2100, 2300 and 2600 MHz bands. Arrays are horizontally spaced to maximize 4x MIMO capability
- 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
- Single pair of AISG I/O Ports. RET is configured in S-RET mode (AISG 2.0)
- Tilt indicator rods provided for each array
- RF and AISG ports are color coded and clearly marked for ease of identification



Port Configuration

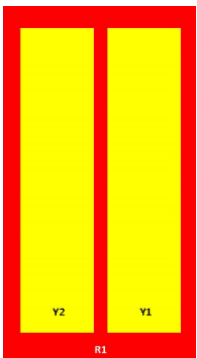


RVVPX306.11R-V2

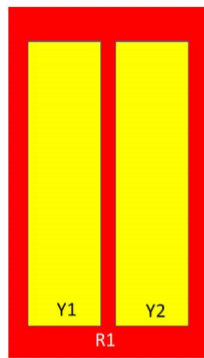


RVVPX308.11R-V3 & RVVPX310.11R-V3

Array Layout



Left Right
Bottom



Left Right
Bottom

Array	Freq (MHz)	Conns	RET (SRET)	AISG RET UID
R1	694-960	1-2	1	ARxxxxxxxxxxxxxxxxx1
Y1	1695-2690	3-4	2	ARxxxxxxxxxxxxxxxxx2
Y2	1695-2690	5-6	3	ARxxxxxxxxxxxxxxxxx3

(Sizes of colored boxes are not true depictions of array sizes)

RVVPX306.11R-V2

RVVPX308.11R-V3
RVVPX310.11R-V3

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

https://www.commscope.com/catalog/antennas/product_details.aspx?id=50792 (RVVPX306.11R-V2)

https://www.commscope.com/catalog/antennas/product_details.aspx?id=93796 (RVVPX308.11R-V3)

https://www.commscope.com/catalog/antennas/product_details.aspx?id=93797 (RVVPX310.11R-V3)

Part Number	Beamwidth	Frequency (MHz) / Ports	Length (m)	RET
RVVPX306.11R-V2	65°	698-960 / 2-ports 1710-2690 / 4-ports	1.600	1 x AISG I/O port pair; Cascaded AISG 2.0 SRET mode
RVVPX308.11R-V3		694-960 / 2-ports	2.065	
RVVPX310.11R-V3		1695-2690 / 4-ports	2.533	

