

8-port Diplexed Base Station Antenna: New Product

Caribbean and Latin America Communications

CommScope's 8-port wideband technology combined with its best in class internal diplexer technology enables wireless operators to install one antenna where multiples were previously needed. The JCVV-65A-R4 multiport wideband antenna supports the the major air-interface frequencies used in Latin America and Caribbean — perfect for **network modernization**. Also features 4 AISG inputs which allows multiple OEMs to connect to the same antenna each controlling it's own RET. Operators can lower tower leasing costs while increasing the number of radios that can be connected to a single antenna.



This 65° beamwidth antenna with small profile width is **MIMO-ready** for LTE applications. It provides 4 low band system ports (3GPP Bands 5, 8, 28) plus 4 high band system ports (3GPP Bands 2, 3, 4, 7, 60) while maintaining a narrow antenna width of 350mm. This antenna is optimized for high performance in capacity-sensitive, data-driven environments.

Antenna Highlights

- For lower bands, features 2 port for 700MHz APT and 2 ports to support 850MHz and 960MHz bands.
- For High bands, features 4 or 8 ports for bands 1800MHz 1900MHz, 2100MHz, 2200MHz and 2500-2600MHz.
- Element diplexed technology reduces the size on the antenna at same time maintaining independent down tilt control for both low and high band systems.
- Industry leading performance due to the antenna's excellent sector power ratio (SPR), which reduces cell overlap, minimizes the noise in the network, and ensures high data throughput rates.
- Separate AISG Inputs per array, which allows multiple OEMs to be controlling the antenna RET independently in each pair of ports.

Ordering Information:

Please contact CommScope Sales. For additional documentation please visit eCatalog at the link.

https://www.commscope.com/catalog/antennas/product_details.aspx?id=46299&sayt=1