

Antenna Sharing-Ready base station antennas with a reconfigurable RET system

CommScope’s new family antenna sharing capable base station antennas support independent beamtilt control from two radio controllers. The two separate AISG input ports on these antennas are internally connected to a RET control module, allowing operators to assign which radio has control for each band. This eliminates the need for external field installation module add-ons. With these antennas, two wireless operators can actively share the same antenna on a site and have independent control to optimize capacity. Where site space is limited, these antennas help simplify connectivity and speed up installation.

- Two sets of AISG ports give independent control to optimize capacity
- AISG band assignments are easily configured using the ATC200-LITE-USB portable controller with 8.4 and newer software release
- Configuration files can be sent to the antenna and applied via user-friendly software and a portable controller, such as ATC200-LITE-USB or RET MASTER, or a BTS controller.
- 4X MIMO capable on both low and high bands
- Ultra-wideband supports future spectrum releases



How to create a configuration file for antenna sharing

[Watch](#)

How to apply a configuration to the antenna for antenna sharing

[Watch](#)

Please visit [eCatalog](#) for product specifications.

Watch these two demo videos to see how to create and apply configurations for antenna sharing.

Ordering Information

Part Number	Frequency Ranges (MHz)	No. of RF ports	4X MIMO Capability	Length (m)
RRV4-65D-R6	694–960 + 1695–2690	4 LB + 8 HB	1 Low band + 2 High band	2.6
RRZZ-65B-R4	694–960 + 1427–2690	4 LB + 4 HB	1 Low band + 1 High band	1.8

ATC200-LITE-USB Software

[CLICK HERE](#) to see more details on configuring your antenna