

Apogee Converge

Wi-Fi and CBRS from one antenna platform

Some sites need Wi-Fi for one group of devices and private cellular for another. Apogee Converge provides a shared antenna platform for 5 GHz Wi-Fi and CBRS Band 48. Compatible Wi-Fi access points and cellular radios provide the two services, with Converge supporting their coverage.



Model selection

Sites that need both 5 GHz Wi-Fi and private cellular on CBRS

[Up to 360 degrees / four 90 degrees panels | Apogee Manager](#)

Receive gain: 25-26 dBi. Coverage and capacity depend on the site, connected radios, client devices and installation.

Apogee Converge specifications

Supported bands	5 GHz Wi-Fi and CBRS Band 48
Receive gain	25-26 dBi
Transmit antenna gain	9 dBi
Panel arrangement	Up to 360 degrees / four 90 degrees panels
External RF ports	4 dedicated CBRS ports + 4 dedicated Wi-Fi ports
Polarization	Configurable vertical, horizontal or hybrid
MIMO	2x2 or 4x4 by configuration; confirm radio and panel allocation
Configuration	Apogee Manager
Power	PoE; confirm the supported source for the hardware revision
Maximum RF input	Up to 1 watt
Dimensions and weight	22 in high, 12 in diameter; 22 lbs
Environment	-40 C to +60 C; IP65

Before ordering

Confirm the exact radio model, RF cables and connector gender, power source, mounting and radio-to-panel allocation for the selected hardware revision. These selection specifications do not replace the hardware installation instructions.

Antenna gain alone does not establish permitted transmit power or regulatory compliance for a complete system.