

10-Port Hybrid Twin-Beam Sector Base Station Antenna: New Product

Commscope introduces a new 10-port hybrid twin-beam sector antenna R2HH-6533D-R5: featuring 2 low band ports and 8 high band ports, packed into a 2.6x0.35m radome. This antenna represents the highest capacity passive solution that can be implemented on FDD networks today proving highest ROI (Return Over Investment).



Operators will be able to deploy six sectors up to 4x4 MIMO/sector on high band while maintaining low band coverage layer via three sectors up to 2x2MIMO deployment with only three antenna faces with an aim to reduce the number of equipment on tower while boosting network capacity on high bands.

R2HH-6533D-R5 is optimized to deliver the best pattern performance with minimizing PIM levels



- Excellent RF pattern control – providing optimum sector-edge roll off levels over the full operating band to optimize sector power ratio.
- Independent tilt control for each beam through internally cascaded RET system with tilt indicators.
- PIM optimized.
- Available in 4.3-10 connectors.

Ordering Information:

Model Number	Horizontal Beamwidth	Dimensions (L x W x D), mm	Frequency bands supported (MHz)	RET Option	Connector type
R2HH-6533D-R5	65°/33°	2688 x 350 x 208	694-960 / 1695–2180	Integrated RET	4.3-10

Supporting Documents:

[CLICK HERE](#) to access more supporting documents and view/download the antenna measured patterns.