

# 8T8R Beamforming Base Station Antenna Family: New Product

CommScope introduces a new range of 8, 10 and 12 port beamforming antennas for high performance LTE networks. Optimized for FDD Band 5 and TDD Band 40, operators can reduce the number of antennas in their networks, lowering tower leasing costs while maximising network capacity and coverage.

## Product

- **8T8R 2300-2400 MHz** improved and more reliable cell edge coverage and data throughput without the need for more bandwidth
- **Optimized for Soft Split** 6-Sector applications by splitting the 90° column beam into two 33° beams to increase capacity over standard 8T8R operation
- **Increased cell range** potentially reduces the number of required sites by 40-50% minimizing CAPEX and OPEX costs.
- **Reduced Interference** improves signal quality providing enhanced end user Quality of Service
- **Horizontally spaced Low band array configuration** for optimum MIMO performance. 4x2 & 4x4 including carrier aggregation support



## Ordering Information:

Part Number	Beamwidth	Frequency / Ports	Dimensions
W4-90A-R1	90°	2300-2400 MHz / 8 Ports	1610 x 305 x 118mm
DW4-6590B-R2	65° / 90°	814-896 MHz / 2 ports 2300-2400 MHz / 8 Ports	1825 x 350 x 208mm
DDW4-6590D-R3	65° / 65° / 90°	814-896 MHz - 4 ports 2300-2400 MHz - 8 Ports	2688 x 498 x 197mm