



Innovative Products & Solutions Enable Antenna 1+1 Deployment

The concept of “1+1” antenna modernization, i.e. one passive antenna for Sub-3G deployment and reserve space for Massive MIMO has been widely accepted by the industry as a leading way to solve the problem of 5G site deployment.

Huawei has three city antenna platforms for different “1+1” application scenarios. Based on the three city platforms Huawei can develop related antenna products for different requirements quickly.

Three Multi-Band Antenna Platforms Leading the Industry



Munich Platform
2*690-960/2*1427-2690/2*1695-2200/2*2490-2690MHz
Width: 469mm

- Named after the location “Munich” of Europe Antenna & AAS Competence Center
- Industry 1st 6-array side-by-Side architecture design with smallest dimensions for Sub-3GHz full-band 4T4R all-in-one
- Highest integrated 15-band antenna for 3L12H is available based on Munich platform



London Platform
FDD: 2*690-960/ 1427-2690/ 2*1695-2200/ 2*2490-2690MHz
TDD: 2300-3800MHz
Width: 449mm

- Name after the city where the requirement was firstly got
- Full series available for FDD 4T4R and 2.3G~3.8G TDD 8T8R all-in-one
- Interleaved design to keep 1.5m and 2m length for dense urban



Bangkok Platform
2*690-960/2*1695-2690MHz
Width: 499mm

- Name after the city where the requirement was firstly got
- Ultra-wideband 1.8G~2.6G for LTE 1.8G&2.1G&2.6G 4T4R 6-sector deployment
- Integrated low-band 2T4R and high-band 4T4R 3-sector for “all-in-one” configuration

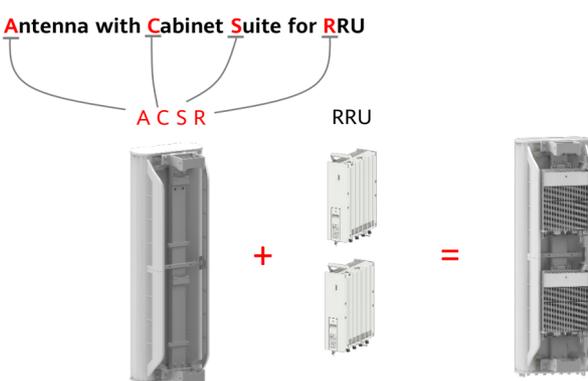
In addition to continuous innovation in multi-band and multi-beam antennas, Huawei has also launched two antenna solutions ACSM and ACSR to make “1+1” a reality and truly help operators to simplify 5G site deployment.

ACSM: Antenna with Cabinet Suite for Massive MIMO



- One box for P + A Antenna for 5G**
- Reserve space for Massive MIMO when deploying passive and Massive MIMO antennas on one pole, simplifying site license application and reducing the number of boxes on tower
 - Flexible configuration of passive antennas and Massive MIMO

ACSR: Antenna with Cabinet Suite for RRU



- One box for antenna and RRU**
- Reserve space for RRU when deploying passive antennas and RRUs together, reducing the number of boxes on tower
 - Independent configuration for passive antennas and RRUs, enabling flexible deployment