

**CPE-520A****CPE 5Ghz 15 Km MIMO 802/11A/N/AC D. POL**

MIMO 2x2 high-power CPE antenna (30 dBm) with IEEE 802.11a/n/ac technology. Recommended coverage (max.) 15 km. Built-in 20 dBi dual polarised antenna, interface 1 x 1000 Base-T (24 V passive PoE). Equipped with 750 MHz CPU QCA 9563, a radio QCA 9882 and 64 MB RAM/16 MB flash memory. Plus 500 Mbps throughput. Integrated protection against overloads allows operation in adverse weather conditions and unstable electrical installations. Pole mounting backplate included, with both vertical and horizontal tilt angle. Passive 24 V DC PoE power supply (the 24 Vdc adapter is supplied), consumption 10 W. Dimensions H: 216 mm, L: 184 mm, D: 80 mm. Operating temperature -40°C (-40°F) ~ +65°C (+149°F), 90% RH. It's mandatory to use this device with a Gigabit switch. It is not compatible either with 10/100Mbps switches or with VIP switches 1440/1440A.



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MAIN FEATURES

Absorption	10W
Type of power supply	External power supply
Standard radio transmission	5 GHz (IEEE 802.11 a/n/ac)
Built-in antenna	Yes
Antenna gain (dBi) (dB)	20
Interface type	
Operating frequency (GHz)	5.15 ÷ 5.85
Available bandwidth (Mbit/s)	500
OFDM modulation	BPSK, QPSK, 16 QAM, 64 QAM, TDMA
Maximum transmission power (dBm) (dB)	30
Angle of coverage	16°

GENERAL DATA

Height (mm)	216
Width (mm)	184
Depth (mm)	80
Product weight (g)	413
Type of finishing materials	ABS
Product color	White
Operating temperature (°C)	-40 ÷ 65
Operating humidity (RH max) (%)	0 ÷ 90
Supplied accessories	Power supply