

**Laird Technologies**

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All Categories > Antennas & Reception Solutions > Vehicular Antennas & Telematics > Cellular Antennas > Dual Band & Special Applications Antennas > PCS/DCS and 2.4 GHz ISM band Yagi antennas > 800 MHz Models - ESMR, SMR, Cellular, GSM and Conventional > Item # PC8210N

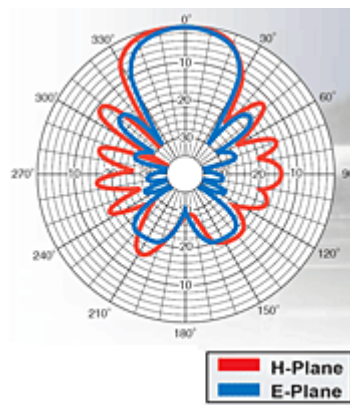
**Item # PC8210N, 800 MHz Models - ESMR, SMR, Cellular, GSM and Conventional**

[Stock Locator](#)

For 800 MHz ESMR and SMR or conventional applications, choose 4 element PC804N, 6 element PC806N or ten element PC8010N. The Cushcraft PC804N, PC826N and PC8210N are also available in the 900 MHz GSM frequency band.



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**Specifications**

<b>Band</b>	GSM SMR ESMR Celluar Conventional
<b>Frequency</b>	824 to 896 MHz
<b>Gain</b>	11 dBD
<b>No. of Elements</b>	10
<b>Front to Back Ratio</b>	20 dB
<b>3dB Beamwidth, E Plane</b>	40 °
<b>3dB Beamwidth, H Plane</b>	45 °

<b>RF Connector</b>	N (Female)
<b>Wind Surface Area</b>	0.38 m <sup>2</sup> 0.035 ft <sup>2</sup>
<b>Wind Survival</b>	125 mph 200 kph
<b>W/ 1/2" Ice</b>	100 mph 161 kph
<b>Length</b>	46 in 116.8 cm
<b>Weight</b>	2.37 lbs 1.07 kg
<b>Power</b>	200 watts
<b>Element Material</b>	1/4 in (0.63 cm) 6061T6 Aluminum Rod
<b>Boom Material</b>	3/4 in (1.9 cm) 6061T6 Aluminum Channel
<b>Mounting Style</b>	U Bolt
<b>Max. Mast Diameter</b>	2 1/8 in 5.4 cm
<b>Pigtail</b>	19 in 48.3 cm

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