



The **7dBi/8dBi Panel Antenna, 900MHz/2.4GHz, Dual Band** (P/N 5981) is a broadband, low VSWR, directional antenna with a 60° Beam spread. While it is designed for outdoor reception, it can be used for indoor or outdoor projects.

These antennas can be used with a single transmitter in a pair with a splitter to send the radio signal in two different directions (i.e. two sides of a building with the transmitter mounted at the corner).

The 5981 Panel Antenna comes with mounting bracket and attached 6" lead with an N-Connector, Female.

To connect to Multiverse SHoW Baby, Multiverse Node, Multiverse Studio Receiver, Multiverse Transmitter, or legacy SHoW DMX SHoW Baby or Neo Tx or Rx, this antenna requires a P/N 5638 Antenna Adapter Cable. Connecting to the Multiverse Receiver Card requires both the P/N 5638 Antenna Adapter Cable and the P/N 103-00730 cable.

Connecting to the Multiverse Vero Transceiver or legacy SHoW DMX Vero devices requires a P/N 5641 Antenna Adapter Cable.

The 8dBi Panel is legal in the EU with the use of a splitter. When using high gain antennas, be certain that the EIRP of your system is within permissible limits of your local regulatory body. If you have specific application questions, please contact City Theatrical's engineering department for guidance.



**SPECIFICATIONS:**

P/N	Frequency
5981	900MHz/2.4GHz

Physical	
Length	210mm (8.3 in)
Width	180mm (7.1 in)
Depth	43mm (1.7 in)
Cable/Pigtail Length	30cm (11.8in)
Antenna Weight	0.87kg (1.92lbs.)

Electrical	
Antenna Type	Broadband, low VSWR, for outdoor reception, antenna
Frequency Range	902~928 / 2400~2480MHz
V.S.W.R.	<= 1.5
Impedance	50 OHM
Frequency/Gain	902~928MHz: 7dBi 2400~2480MHz: 8dBi
Polarization	Vertical
Identifying Connector	N-Connector, Female

Product Information	
Color	White
Use Environment	Indoor/Outdoor
Operating Temperature Range	-40°C to + 60°C
IP Rating	IP63
Warranty	One year

**Radiation Patterns:**

