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**Item # S8800B, 800/900 MHz. Omnidirectional Antennas for Data Communications**[larger image](#)**800/900 MHz. Omnidirectional Antennas**

Omnidirectional antennas are the right choice for situations where you need to be in contact with sources that are in two directions or if you do not know what direction the signals will be coming from. Receiving signals from two wellheads that are in different directions is an example of the former. An example of the latter would be a warehouse environment where a worker with a handheld terminal is moving about the area while sending and receiving data.

**Data Transmission Omnis**

Standard Data Transmission Omnis are fully decoupled antennas built on a copper laminate and housed in 0.100 inch wall fiberglass housings. They may be mounted right side-up or tipped upside down depending upon the desired pattern. They also feature a very versatile clamp mounting system that will fit most every situation you will encounter.

[Stock Locator](#)
**Specifications**

<b>Frequency</b>	880 to 960 MHz
<b>Gain</b>	0 dBD
<b>Nominal VSWR</b>	1.5:1
<b>Bandwidth</b>	62 MHz
<b>3dB Beamwidth, E Plane</b>	75 °
<b>RF Connector</b>	N (Female)
<b>Height</b>	17 1/2 in 44.5 cm
<b>Weight</b>	0.56 lbs 0.25 kg
<b>Wind Surface Area</b>	0.083 m <sup>2</sup> 0.009 ft <sup>2</sup>

<b>Wind Survival</b>	125 mph 200 kph
<b>Pigtail</b>	17 cm
<b>Element Material</b>	Plated Copper Laminate
<b>Enclosure Material</b>	Fiberglass
<b>Mounting Style</b>	Tube end
<b>Max. Mast Diameter</b>	2 in 5.1 cm

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