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[larger image](#)**Item # S8240B, 800/900 MHz. Omnidirectional Antennas for Data Communications****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

Frequency	824 to 896 MHz
Gain	0 dBD
Nominal VSWR	1.5:1
Bandwidth	62 MHz
3dB Beamwidth, E Plane	75 °
RF Connector	N (Female)
Height	17 1/2 in 44.5 cm
Weight	0.56 lbs 0.25 kg
Wind Surface Area	0.083 m ² 0.009 ft ²
Wind Survival	125 mph 200 kph

Pigtail	17 cm
Element Material	Plated Copper Laminate
Enclosure Material	Fiberglass
Mounting Style	Tube end
Max. Mast Diameter	2 in 5.1 cm

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