

Product Specifications



DB810E-PS

Omni Antenna, 746–869 MHz, 360° horizontal beamwidth, fixed electrical tilt



- Omnidirectional antenna
- Rugged, durable design, heavy duty radome for minimum tip deflection
- Invert mountable

CHARACTERISTICS

General Specifications

Antenna Type	Omni
Operating Frequency Band	746 – 869 MHz

Electrical Specifications

Frequency Band, MHz	746–869
Beamwidth, Horizontal, degrees	360
Gain, dBd	10.0
Beamwidth, Vertical, degrees	6.0
Beam Tilt, degrees	0
VSWR Return Loss, db	1.5:1 14.0
Input Power, maximum, watts	500
Polarization	Vertical
Impedance, ohms	50
Lightning Protection	Dc Ground

Product Specifications

DB810E-PS



Mechanical Specifications

Color	Horizon blue
Connector Interface	7-16 DIN Female
Connector Location	Bottom
Connector Quantity	1
Wind Loading, maximum	444.8 N @ 100 mph 100.0 lbf @ 100 mph
Wind Speed, maximum	241.4 km/h 150.0 mph

Dimensions

Length	4495.8 mm 177.0 in
Outer Diameter	76.2 mm 3.0 in
Net Weight	17.2 kg 38.0 lb

Regulatory Compliance/Certifications

Agency

RoHS 2002/95/EC
China RoHS SJ/T 11364-2006

Classification

Compliant by Exemption
Above Concentration Value (MCV)

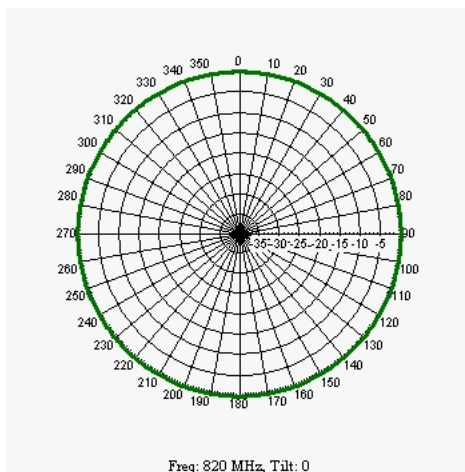


Product Specifications

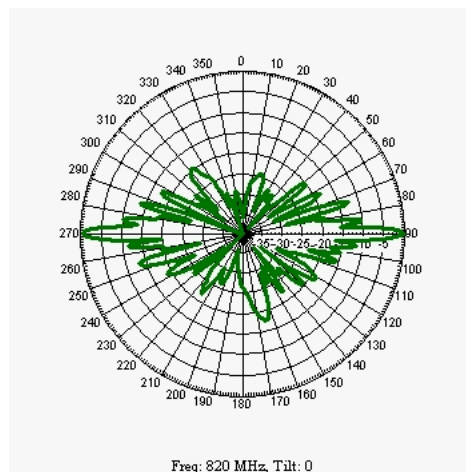
DB810E-PS



Horizontal Pattern



Vertical Pattern



Product Specifications



DB5091-3

Pipe Mounting Kit for 3.5 in (88.9 mm) OD round members



CHARACTERISTICS

General Specifications

Mount Type	Side mounts
Includes	Brackets Hardware Pipe
Package Quantity	2

Mechanical Specifications

Color	Silver
Material Type	Galvanized steel

Dimensions

Compatible Diameter, maximum	88.9 mm 3.5 in
Compatible Diameter, minimum	31.8 mm 1.3 in

Packed Dimensions

Height	101.6 mm 4.0 in
Length	863.6 mm 34.0 in
Shipping Weight	13.15 kg 29.00 lb
Width	152.4 mm 6.0 in

Regulatory Compliance/Certifications

Agency

RoHS 2002/95/EC
China RoHS SJ/T 11364-2006

Classification

Compliant
Below Maximum Concentration Value (MCV)

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DB5091-3



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