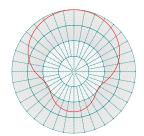
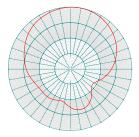


Smart Technology. Delivered.





Right-hand circularly polarized linear azimuth plot.



Right-hand circularly polarized

# **S9026XR**

# **Metal CP RFID Panel Antenna**

## 902-928 MHz FORKLIFT MOUNT 6dBic CP RFID PANEL ANTENNA

The Laird S9026XR antenna gives RFID users an antenna that meets all of the criteria requirements for forklift RFID applications. At only  $7.6 \times 7.6 \times .95$ ", the antenna is small enough to accommodate a wide variety of forklift applications. The antenna provides 6dBi of gain in the 902-928 MHz band.

The antenna material construction is unique in that it is an all metal antenna. No exterior radome enclosure is required to protect critical components. The result is an antenna that is extremely robust and resistant to damage.

The antenna can be mounted directly to the forklift allowing for a view directly into any pallet. Two antennas can be mounted side-by-side on a custom configured mounting platform if that is desirable.

The antenna is provided with a plastic front panel that is secured with adhesive for the purposes of providing a surface that can be used for branding or for any other graphical element that the customer might desire.

# **FEATURES**



- Low profile
- Extremely low VSWR
- Wide band
- · Weather resistant radome
- Wide range of connector options

## **APPLICATIONS**

- · Direct forklift mount
- Warehouse
- Distribution center
- · Airports and hospitals
- Transit terminals
- Conveyor belt

Antenna Part Number S9026XR  Frequency Range 902–928 MHz  Gain 6 dBic  Maximum VSWR 1.5:1  3 dB Beamwidth - Azimuth 80°  Front-to-Back Ratio 10 dB  Polarization Circular Right-hand  Maximum Input Power 4 Watts  Input Impedance 50 Ohms  Axial Ratio 3 dB  Weight (Kg) 2.6 lbs (1.2)  Mechanical Size 7.59 x 7.59 x .95"  Antenna Connection Right angle Type N Female.
Gain 6 dBic  Maximum VSWR 1.5:1  3 dB Beamwidth - Azimuth 80°  Front-to-Back Ratio 10 dB  Polarization Circular Right-hand  Maximum Input Power 4 Watts  Input Impedance 50 Ohms  Axial Ratio 3 dB  Weight (Kg) 2.6 lbs (1.2)  Mechanical Size 7.59 x 7.59 x .95"
Maximum VSWR 1.5:1  3 dB Beamwidth - Azimuth 80°  Front-to-Back Ratio 10 dB  Polarization Circular Right-hand  Maximum Input Power 4 Watts  Input Impedance 50 Ohms  Axial Ratio 3 dB  Weight (Kg) 2.6 lbs (1.2)  Mechanical Size 7.59 x 7.59 x .95"
3 dB Beamwidth - Azimuth 80°  Front-to-Back Ratio 10 dB  Polarization Circular Right-hand  Maximum Input Power 4 Watts  Input Impedance 50 Ohms  Axial Ratio 3 dB  Weight (Kg) 2.6 lbs (1.2)  Mechanical Size 7.59 x 7.59 x .95"
Front-to-Back Ratio 10 dB  Polarization Circular Right-hand  Maximum Input Power 4 Watts  Input Impedance 50 Ohms  Axial Ratio 3 dB  Weight (Kg) 2.6 lbs (1.2)  Mechanical Size 7.59 x 7.59 x .95"
Polarization Circular Right-hand  Maximum Input Power 4 Watts  Input Impedance 50 Ohms  Axial Ratio 3 dB  Weight (Kg) 2.6 lbs (1.2)  Mechanical Size 7.59 x 7.59 x .95"
Maximum Input Power 4 Watts  Input Impedance 50 Ohms  Axial Ratio 3 dB  Weight (Kg) 2.6 lbs (1.2)  Mechanical Size 7.59 x 7.59 x .95"
Input Impedance         50 Ohms           Axial Ratio         3 dB           Weight (Kg)         2.6 lbs (1.2)           Mechanical Size         7.59 x 7.59 x .95"
Axial Ratio         3 dB           Weight (Kg)         2.6 lbs (1.2)           Mechanical Size         7.59 x 7.59 x .95"
Weight (Kg)       2.6 lbs (1.2)         Mechanical Size       7.59 x 7.59 x .95"
Mechanical Size 7.59 x 7.59 x .95"
100.000
Antenna Connection Right angle Type N Female.
Other configurations available by request.
Radome Aluminum w/Minimal Polycarbonate
Mount Style Chassis mount
Temperature Operational -30°C to +70°C
Lightning Protection DC Grounded
Water/Foreign Body Ingress IP67

#### ANT-DS-S9026XR\_0317

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