The AA3100 Yagi Antenna broadcasts and receives radio frequency (RF) signals in the 915 MHz RF band. For installations requiring a relatively symmetrical, three-dimensional reading area, the AA3100 Yagi Antenna offers a broadcast pattern of similar configuration and dimension in both the horizontal and vertical planes.

The AA3100 Yagi Antenna consists of aluminum rod and seamless drawn pipe. All aluminum materials are gold-anodized for maximum reliability and corrosion resistance. Hardware and fastenings are stainless steel. A foam potting system seals the internal balun, coaxial feed, and connectors to prevent moisture penetration and ensure long life in severe environmental conditions.

Heavy tentalloy mounting casting allows installation for vertical or horizontal polarization.
AA3100 Yagi Antenna

**COMMUNICATIONS**

**Frequency Range**
902 to 928 MHz
Custom frequencies available upon request

**Gain**
10 dBi

**VSWR**
1.5:1 maximum (1.33:1 typical)

**Impedance**
50 ohms

**Front-to-Back Ratio**
>20 dB

**HARDWARE FEATURES**

**Connector**
Type N socket

**PHYSICAL ATTRIBUTES**

**Dimensions**
Size: 7 x 23 in. (18 cm x 60 cm)
Weight: 3.3 lb (1.5 kg)

**Mounting Method**
To circular support with maximum outside diameter of 2.4 in (6 cm)

**Radiation Pattern**

Vertical Plane Pattern (vertical polarization)

Horizontal Plane Pattern (vertical polarization)