

HD3-915
 HD3-868

HD3 SERIES LOW PROFILE HEAVY DUTY ISM ANTENNA



- Sleek profile with small SMA connectors
- Models for ISM or RFID applications
- Designed to work with a Ground Plane

PRODUCT OVERVIEW

These heavy duty low profile ISM antennas are designed for fixed M2M applications. This HD3-915 antenna operates in the frequency range of 902-928 MHz, and the HD3-868 antenna operates in the frequency range of 868-870 MHz; both with a peak gain of 3 dBi.

These antennas are low profile and are ideal for providing ISM M2M capability in environments where the antenna is regularly subjected to physical wear and tear.

Measuring only .50" (1.27 cm) high and 3.52" (8.94 cm) in diameter, the HD3-915 is a compact antenna that can easily be mounted to almost any surface.

There is a 5/8 - 18 x .50 threaded stud at the base of the antenna where it is mounted, and standard Rg-58 cable with an SMA plug is routed through for connection.

The product comes standard with 3 feet (91.4 cm) of cable, but custom cable lengths are available. These heavy duty ISM antennas are enclosed in a heavy-duty radome made out of black ASA plastic, which provides a durable housing that is also UV resistant.

The HD3-915 and HD3-868 are designed to work with a Ground Plane.

HD3 SERIES SPECIFICATIONS

Frequency	HD3-915 902 - 928 MHz HD3-868 868 - 870 MHz
Gain	3 dBi peak
VSWR	less than 2:1
Impedance	50 Ohm nominal
Maximum Power	10 watts
Operating Temp	-40°C to +80°C
Polarization	Vertical
Dimensions	.625" H x 3.52" W (1.59cm x 8.94cm)
Radome Material	Black ASA UV Resistant
Mounting	5/8 - 18 x .50 threaded stud
Net Weight	8 oz (226g)
Pigtail Cable	RG-58, 1 foot (30.5cm) request longer lengths at time of order
Pigtail Connector	SMA Plug (Male) others Available, Please Specify
Shock & Vibration	EN 61373, IEEE1478, MIL-810G
Water Ingress	IP67