

#### Baler / Compactor RFID Antenna

Micronetics Baler / Compactor is a linear polarized antenna for use in RFID applications involving Balers and Compactors. A high density polyethylene radome gives the unit superior protection from constant abrasion while neoprene gaskets prevent liquids from infiltrating the unit. The gain and beam-width of the antenna combine to give 100% interior coverage with minimal over-reads. Multi-directional conduit access holes and a removable connector access panel and made available for more efficient installation procedures. The connector housing is removable for use in NEMA enclosures.

#### Features

- Gain: 2.5 dB Typical
- Low VSWR: 1.5:1 Typical
- Beam-width: 130° Typical, 3 dB Beam-width
- Polarization: Slant 45
- Removable Access Panel
- Frequency 902-928 MHz

#### Electrical Specifications

TA = 25°C, Z<sub>0</sub> = 50Ω

Test conditions room ambient

Parameter	Units	Min.	Typ.	Max.
VSWR	-	1.1:1	1.5:1	2.0:1
Gain	dBil	1.3	2.5	3.0
Beamwidth	Deg	115	130	145

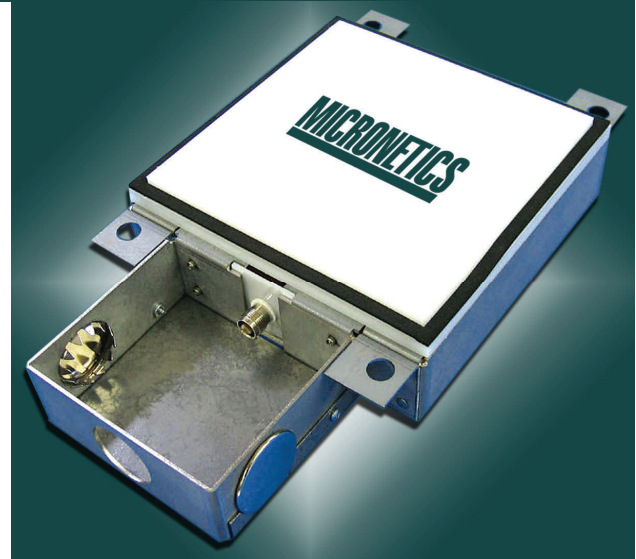
#### Absolute Maximum Rating<sup>1</sup>

Operating temperature: +70°C

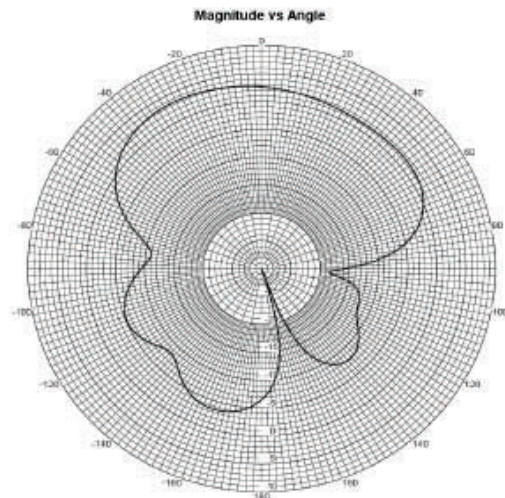
Storage temperature: +70°C

Relative Humidity: +95%

*Note 1. Operation of this device above any one of these parameters may cause permanent damage.*



#### Radiation Pattern



#### Ordering Information

Model Number	Description
MAAN-000210-AT0000	Baler/Compactor Antenna Only
MAAN-000220-AT0000	Kit (as shown above) with Antenna, Cable & Hardware