

Features

- Gain: 2.5 dB Typical
- VSWR: 1.5:1 Typical
- Beamwidth: 130° at 3dB
- Polarization: Slant 45
- Connector: TNC Female
- Multi-Directional Conduit Access Enclosure
- Removable Access Panel

Description

M/A-COM's Baler/Compactor Antenna 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 a neoprene gasket prevents liquids from infiltrating the unit. The gain and beamwidth of the antenna combine to give 100% interior coverage with minimal overreads. Multi-directional conduit access holes and a removable connector access panel are made available for a more efficient installation procedure. The connector housing is removable for use in NEMA enclosures.

Overview



Electrical Specifications: T_A = 25°C, Z₀ = 50Ω

Parameter	Test Conditions	Frequency	Units	Min	Typ	Max
VSWR	Room Ambient	902-928 MHz	-	1.1:1	1.5:1	2.0:1
3dB Beamwidth	Room Ambient	902-928 MHz	Deg	115	130	145
Gain	Room Ambient	902-928 MHz	dB	1.3	2.5	3.0

Absolute Maximum Ratings ¹

Parameter	Absolute Maximum
Operating Temperature	+70°C
Storage Temperature	+70°C
Relative Humidity	+95%

Ordering Information

Part Number	Package
MAAN-000210-AT0000	Antenna Only
MAAN-000220-AT0000	Kit (Antenna, Cable & Hardware)

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

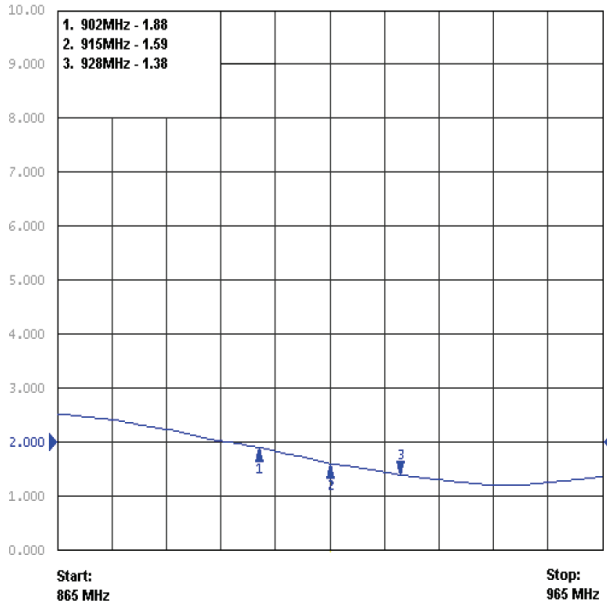
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- **Asia/Pacific** Tel: 81.44.844.8296 / Fax: 81.44.844.8298

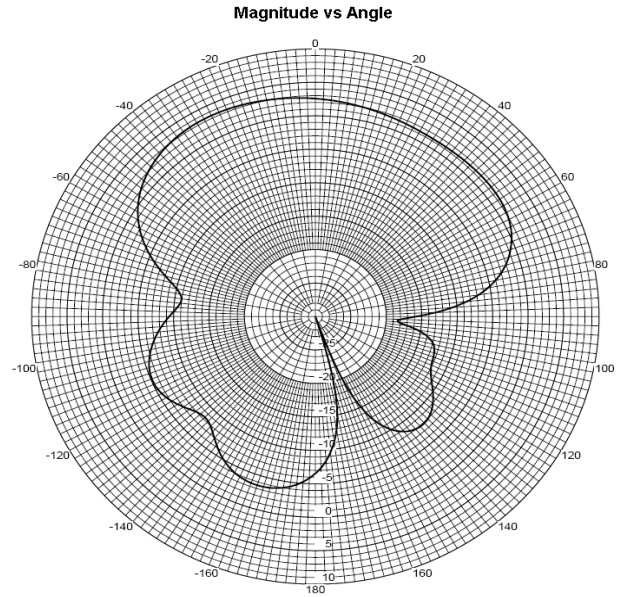
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Typical Performance Curves

VSWR



Radiation Pattern



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