

M00479

TECHNICAL DATASHEET

UNIVERSAL UNDERGROUND
ANTENNA ASSEMBLY

This Multiband Omnidirectional Antenna is certified for high performance. It's in-building coverage meets the need for the propagation in underground galleries and tunnels. It's support has been designed to facilitate installation in underground mines and is assembled to the antenna in a unique way that allows the sealing and evacuation of moisture in case of condensation.

FEATURES AND BENEFITS

- Wide-band omni antenna
- Integrated mounting bracket, for quick installation in underground tunnels
- Designed to prevent condensation



GENERAL SPECIFICATIONS

Antenna Type	Omni-directional
Operating Frequency Band	698 – 960 MHz and 1710 – 2700 MHz
Interface	4.3-10 (F)

ELECTRICAL SPECIFICATIONS

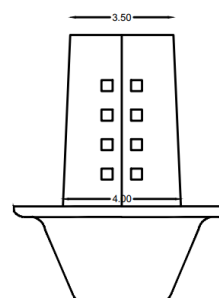
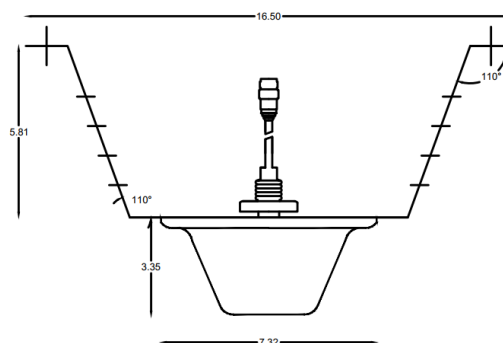
SAT	360° omni-directional/75° nominal
Gain	3~5dBi
VSWR/Return Loss	1.5:1
Polarization	Vertical
Impedance	50 Ω
Max Input Power	50 Watts (2W typical)

MECHANICAL SPECIFICATIONS

Support	Stainless Steel
Dimensions (in)	16.5 x 9.5 x 10.5
Weight	2.6 lbs

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40°C to 60 °C (-40°F to 140 °F)
Relative Humidity	Up to 100%



ORDERING INFORMATION

Product Number	Description
M00479	Universal Underground Antena Assembly

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