



AMBRA SOLUTIONS UNIVERSAL ANTENNA

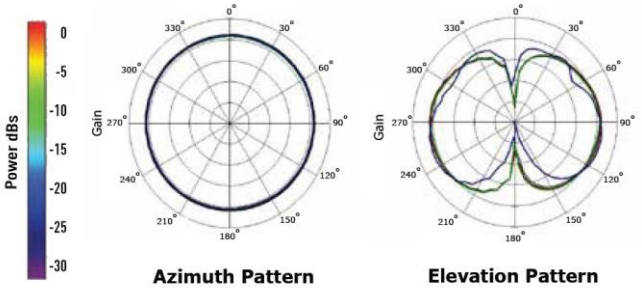
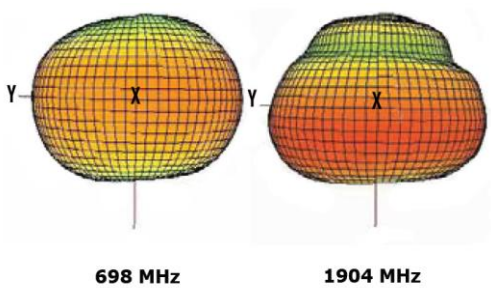
This Multiband Omnidirectional Antenna is certified for both high performance and Low PIM. Its in-building coverage meets the need for the propagation in underground galleries and tunnels. Its support has been designed to facilitate installation in underground mines and is assembled to the antenna in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

FEATURES AND BENEFITS

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

ELECTRICAL SPECIFICATIONS MECHANICAL SPECIFICATIONS

| | | | |
|--------------------------------|---|------------------------------|---|
| Horizontal Beamwidth | Omnidirectional | Case Material | ABS with UV Protection |
| Gain | 698-738 MHz 2 dBi 738-818 MHz 1 to 2 dBi 818-960 MHz 1 to 2 dBi 1700-2690 MHz 2 to 4 dBi | Support | Aluminium or Stainless Steel |
| VSWR/Return Loss | 698-738 MHz 2.0/9.5 dB 738-818 MHz 1.8/10.9 dB 818-960 MHz 1.5/14.0 dB 1700-2690 MHz 1.4/15.5 dB | Operating Temperature | -40° to +70° C |
| Polarization | Vertical | Dimensions | 16.5 in x 9.5 in x 10 in |
| Impedance | 50 Ohm | Weight | Aluminium 2.5 lbs / Stainless Steel 3.5 lbs |
| PIM, 3rd order, 2 x 20W | -153 dBc | Connectors | 4.3-10 |
| Max Input Power | 50 Watts (2W typical) | Pigtail | Low PIM plenum rated cable |



ORDERING INFORMATION

| Product Part Number | Description |
|---------------------|--|
| M00479-SS-316 | Universal Antenna with Stainless Steel support |
| M00479-ALU-316 | Universal Antenna with Aluminium support |

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