

INTRODUCING M2M MIMO LTE ANTENNA RANGE

- Manage all radio needs with a MiMo Cellular / LTE antenna function for M2M or IOT, covering all current cellular and LTE bands 698 - 960 and 1710-3800 MHz
- Include asset tracking functionality with optional GPS/GNSS/Galileo/Glonass antenna



TE Connectivity (TE) introduces the M2M MiMo LTE antenna range. The compact, robust, low-profile housing of the antenna is weatherproof and contains two antenna elements with effective isolation and correlation covering all current global cellular and LTE bands in freq. range 698-960/1710-3800MHz. The asset-tracking version includes an active GPS/GNSS/Galileo/BeiDou antenna for applications that require position or timing function. If required the antenna can be fitted on a non-conductive panel which may affect performance depending on mounting position/surface. The antenna also offers easy, quick, secure and weatherproof installation with a single hole-mounting bush and acrylic adhesive sealing pad. Supplied with integrated 3m (10') cables and SMA plug connectors, the antenna offers plug and play connectivity with many different terminals.

BENEFITS

- Manage all radio needs with a MiMo Cellular / LTE antenna function for M2M or IOT, covering all current cellular and LTE bands 698 - 960 and 1710-3800 MHz
- Include asset tracking functionality with optional GPS/GNSS/Galileo/Glonass antenna
- Offer easy, quick, secure and weatherproof installation a single hole mounting bush and acrylic adhesive sealing pad
- Offer more efficient and error free communication with the base station utilizing the MiMo technology provided in the antenna
- Offer plug and play connectivity with many terminals with integrated 3m (10') cables and SMA plug connectors

ELECTRICAL

- Part number - 1-2309605-1
- Frequency Range (MHz):
- Elements 1 & 2 : 698-960/1710-3800MHz
- Elements 3: N/A
- Peak Gain Isotropic:
- Elements 1 & 2: 698-960MHz: 1.5dBi
- Elements 1 & 2: 1710-2700MHz: 4.5dBi
- Elements 1 & 2: 2500-3800MHz: 5dBi
- Pattern: Omni-directional
- Nominal Impedance: 50Ω
- Max input power (W): 20

APPLICATIONS

- Rail rolling stock
- Semi stationary equipment such as vending machines
- Pumps
- Generators
- Smart metering

MECHANICAL

- Dimensions (mm):
 - Height: 49 (1.9')
 - Length: 150 (5.90')
 - Width: 45 (1.77')
- Operating Temperature: -30°C - 70 °C / -30°F - 158°F
- Material: UV Stable ABS Plastic
- Color: Black
- Typical Weight (g): 337

MATERIALS

- UV Stable ABS Plastic

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