

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

**Part Number:** [2140483000](#)  
**Status:** **Active**  
**Overview:** Industrial, Scientific and Medical (ISM) Antennas  
**Description:** ISM/DSRC MIMO External Antenna, 77.00mm Diameter, 3.0m Cables with SMA Connectors

**Documents:**

|                                                            |                                                                |
|------------------------------------------------------------|----------------------------------------------------------------|
| <a href="#">3D Model</a>                                   | <a href="#">Application Specification 2140483000-000 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                              | <a href="#">Packaging Specification 2140483000-001 (PDF)</a>   |
| <a href="#">3D Model (PDF)</a>                             | <a href="#">Datasheet (PDF)</a>                                |
| <a href="#">Product Specification 2140483000-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |

**General**

|                |                                                                   |
|----------------|-------------------------------------------------------------------|
| Product Family | Antennas                                                          |
| Series         | <a href="#">214048</a>                                            |
| Component Type | External Antenna                                                  |
| Function       | Signal                                                            |
| Overview       | <a href="#">Industrial, Scientific and Medical (ISM) Antennas</a> |
| Product Name   | ISM/DSRC MIMO Antenna                                             |
| Protocol       | DSRC, ISM                                                         |
| Taxonomy       | Antennas                                                          |
| Type           | External Antenna                                                  |
| UPC            | 193264346134                                                      |

**Physical**

|                               |                    |
|-------------------------------|--------------------|
| Cable Length                  | 3000.00mm          |
| Length                        | N/A                |
| Mounting Style                | Adhesive           |
| Net Weight                    | 99.640/g           |
| Outer Diameter                | 77.00mm            |
| Packaging Type                | Partitioned Carton |
| Polarization                  | Linear             |
| Radiation Pattern             | Omnidirectional    |
| Temperature Range - Operating | -40° to +85°C      |
| Thickness                     | 15.00mm            |
| Width                         | N/A                |

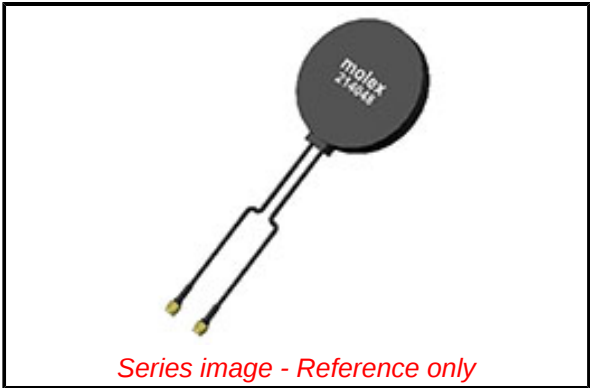
**Electrical**

|                         |                                  |
|-------------------------|----------------------------------|
| Band#1 F_End (MHz)      | 6000                             |
| Band#1 F_Start (MHz)    | 5800                             |
| Electrical Connectivity | Cable                            |
| Peak Gain (dBi)         | -1.0 @ 5800 MHz, -1.8 @ 5800 MHz |
| Return Loss - S11 (dB)  | < -10                            |
| Total Efficiency        | >10% @ 5800 MHz                  |

**Material Info**

**Reference - Drawing Numbers**

|                           |                |
|---------------------------|----------------|
| Application Specification | 2140483000-000 |
| Packaging Specification   | 2140483000-001 |
| Product Specification     | 2140483000-001 |
| Sales Drawing             | 2140483000-000 |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 6(c)**

**REACH SVHC**

Contained Per -  
D(2022)4187-DC (10  
June 2022)

Lead

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

**China RoHS**

|                 |               |
|-----------------|---------------|
| China ROHS      | 50 Image      |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[214048](#) Series

**Mates With**

SMA-K (Female)