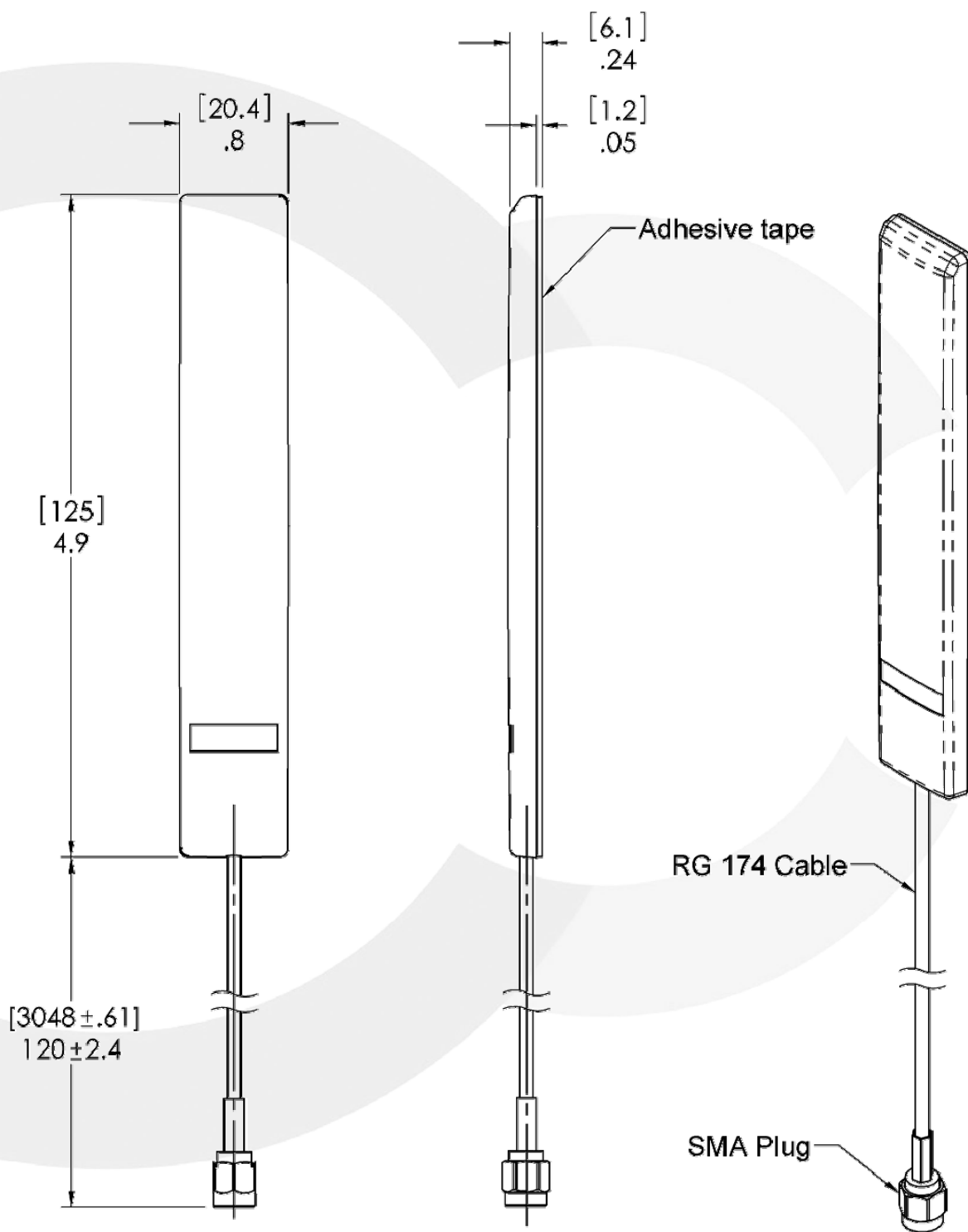


**DUAL BAND OMNI DIRECTIONAL**

**806-960 / 1710-1990 MHz**

**R380900334**

Series : ANTENNA



All dimensions are inches [mm]

Issue : 0947

In the effort to improve our products, we reserve the right to make changes judged to be necessary.



**DUAL BAND OMNI DIRECTIONAL**
**806-960 / 1710-1990 MHz**
**R380900334**
**Series : ANTENNA**
**ELECTRICAL CHARACTERISTICS**

|                                 | <b>SMR-AMPS-GSM</b>                             | <b>DCS-PCS</b>                |
|---------------------------------|-------------------------------------------------|-------------------------------|
| Frequency :                     | <b>806-960 MHz</b>                              | <b>1.71-1.99 GHz</b>          |
| Nominal Impedance :             | <b>50 <math>\Omega</math></b>                   | <b>50 <math>\Omega</math></b> |
| VSWR :                          | <b>2:1 Max</b>                                  | <b>2:1 Max</b>                |
| Gain (Radiating element) :      | <b>2 dBi Max</b>                                | <b>2 dBi Max</b>              |
| Gain (Including Cable Losses) : | <b>-1 dBi Max</b>                               | <b>-2.5 dBi Max</b>           |
| Radiation Pattern :             | <b>Omni-directional in the horizontal plane</b> |                               |
| Polarization :                  | <b>VERTICAL</b>                                 | <b>VERTICAL</b>               |
| Power withstanding :            | <b>3 W</b>                                      | <b>3 W</b>                    |
| Connector type :                | <b>SMA Male plug</b>                            |                               |
| Cable type :                    | <b>RG 174 BLACK</b>                             |                               |
| Length :                        | <b>3048 mm <math>\pm</math> 61 mm [10 ft]</b>   |                               |

**MECHANICAL CHARACTERISTICS**

|                   |                                                    |
|-------------------|----------------------------------------------------|
| Plastic radome :  | <b>UL - 94 V0 Listed Material / Bayblend FR110</b> |
| Color :           | <b>BLACK</b>                                       |
| Weight :          | <b>53.9 g</b>                                      |
| Overall length :  | <b>125 x 20.4 x 6.3 mm</b>                         |
| Cable retention : |                                                    |
| Pull off :        | <b>40 N mini</b>                                   |
| Mounting system : | <b>Adhesive tape</b>                               |

**ENVIRONMENTAL CHARACTERISTICS**

|                         |                    |
|-------------------------|--------------------|
| Operating temperature : | <b>-20/+50 ° C</b> |
|-------------------------|--------------------|

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