

**Electrical Specifications**

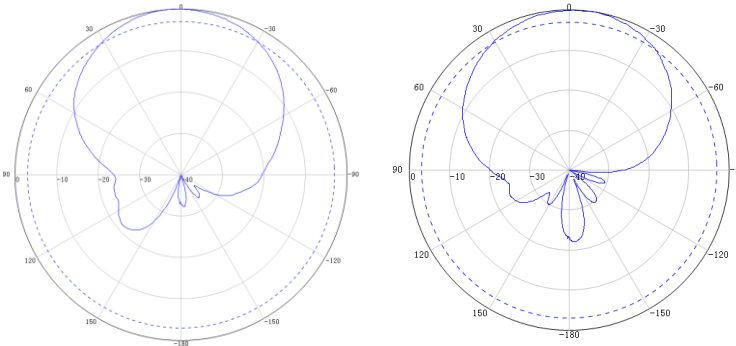
| Item No.                  |            | AB806-2170VV14i14i65A(C) |          |           |
|---------------------------|------------|--------------------------|----------|-----------|
| Frequency Range           |            | MHz                      | 806-960  | 1710-2170 |
| Gain                      |            | dBi                      | 14 ± 1   | 14 ± 1    |
| Polarization              |            |                          | vertical |           |
| Beam width                | Horizontal | deg                      | 65 ± 8   | 65 ± 8    |
|                           | Vertical   |                          | 15 ± 5   | 15 ± 5    |
| Front-To-Back Ratio       |            | dB                       | > 22     | > 22      |
| VSWR                      |            |                          | ≤1.5:1   | ≤1.5:1    |
| PIM, 3rd Order, 2 x 20 W, |            | dBc                      | -150     |           |
| Maximum Power             |            | W                        | 100      |           |
| Impedance                 |            | Ω                        | 50       |           |

**Mechanical Specifications**

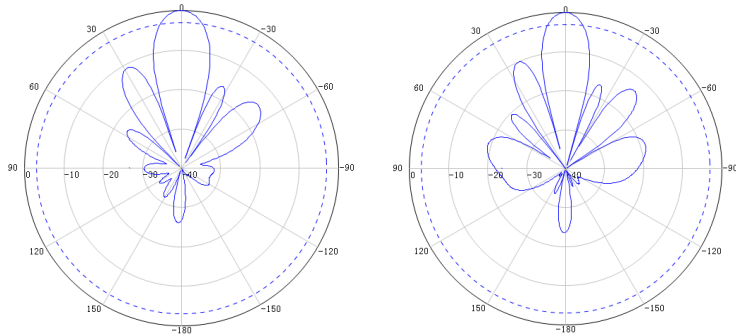
|                              |       |                             |
|------------------------------|-------|-----------------------------|
| Dimensions, HxWxD            | mm    | 1200x287x132                |
| Weight, without Mounting Kit | kg    | 6.5                         |
| Radome Material and Color    |       | UPVC, RAL7035               |
| Connector Type and Location  |       | 1 x 7/16 DIN Female, Bottom |
| Mounting hardware            | mm    | Φ50~Φ115                    |
| Max Wind Speed               | Km/hr | 200                         |
| Operational Temperature      | oC    | -40 to +65                  |
| Operational Humidity         | %     | < 95                        |

**Radiation Patterns**

Horizontal pattern

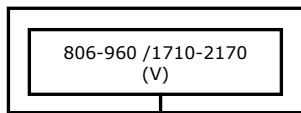


Vertical pattern



806-960MHz

1710-2170MHz



7/16DIN