

## Features

- ◆ Frequency Range: 902~928MHz
- ◆ Quite good VSWR
- ◆ Max Gain: 2.3dBi
- ◆ High efficiency
- ◆ Vertically polari



## Specifications

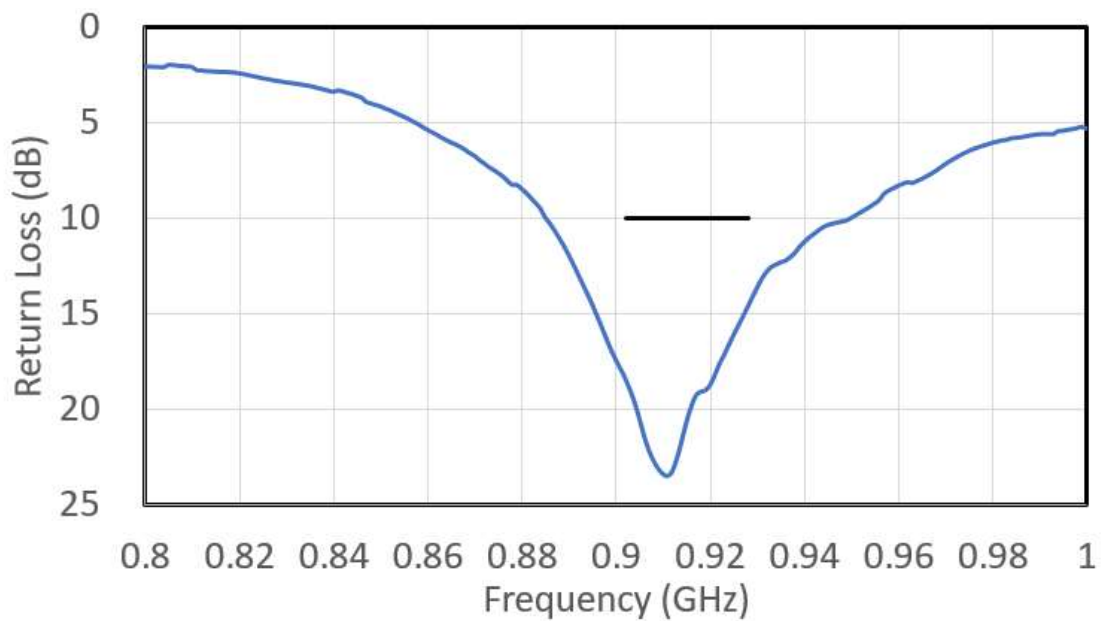
| Model                     |                 | KRAKBJ2701C01C |
|---------------------------|-----------------|----------------|
| Electrical Specifications | Frequency Range | 902MHz~928MHz  |
|                           | Peak Gain       | 2.3 dBi        |
|                           | VSWR            | ≤ 1.5          |
|                           | Efficiency      | >80%           |
|                           | Feed Impedance  | 50 Ohms        |
|                           | Polarization    | Vertical       |



|                                  |                              |                   |
|----------------------------------|------------------------------|-------------------|
| <b>Mechanical Specifications</b> | <b>Cover material(color)</b> | Plastic(Black)    |
|                                  | <b>Interface</b>             | RPSMA             |
|                                  | <b>Dimensions (mm)</b>       | Φ13.0mm x 198.0mm |
|                                  | <b>Operation Temp (°C)</b>   | -30°C ~ +75°C     |
|                                  | <b>Humidity range</b>        | 5%~95%            |

## S11&VSWR

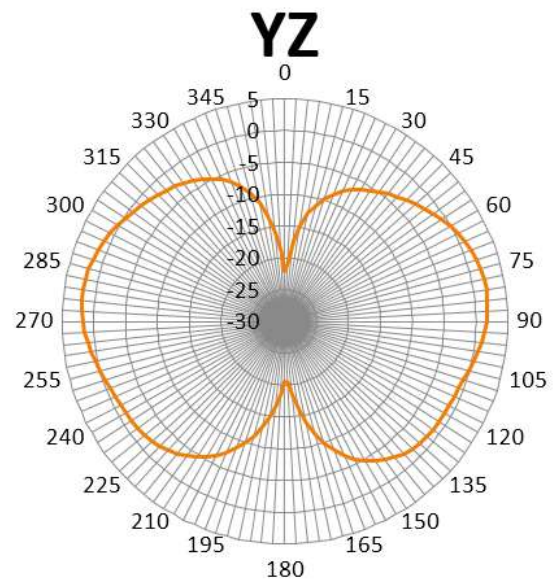
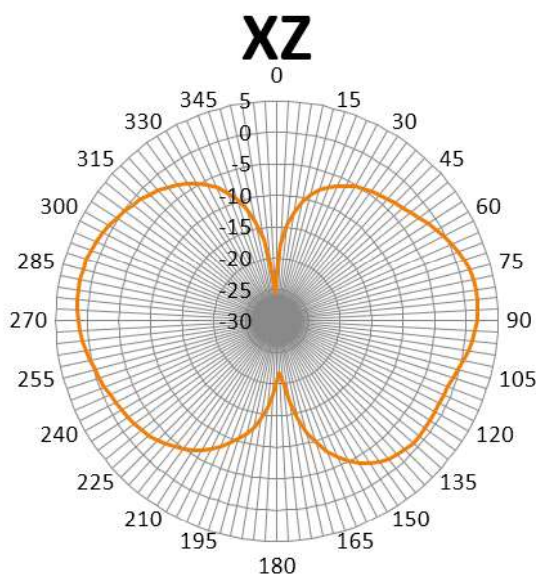
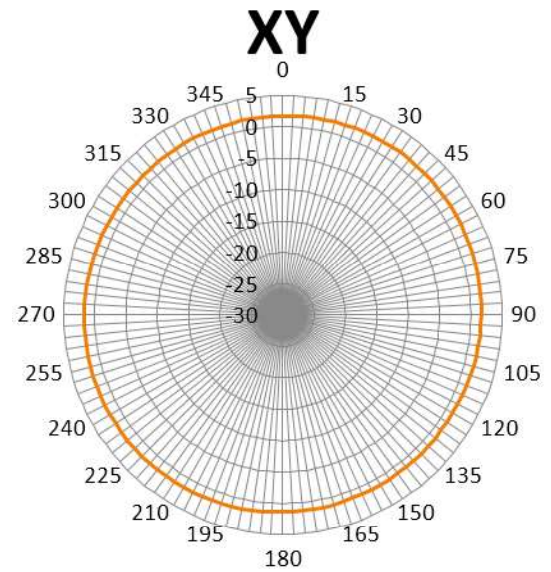
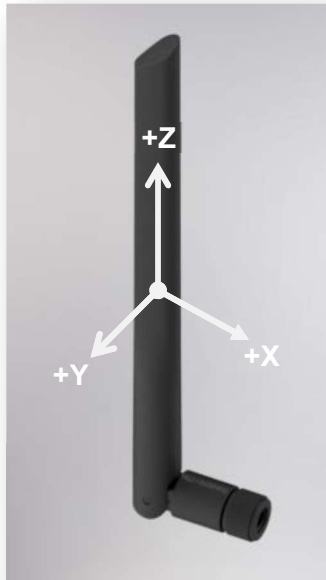
| Frequency(MHz) | S11   | VSWR |
|----------------|-------|------|
| 902MHz         | -18.3 | 1.28 |
| 928MHz         | -14.6 | 1.46 |



## Peak Gain & Efficiency

| Frequency(MHz) | Peak Gain (dBi) | Efficiency (%) |
|----------------|-----------------|----------------|
| 902            | 2.3             | 82.6           |
| 904            | 2.2             | 82.3           |
| 906            | 2.2             | 82.7           |
| 908            | 2.3             | 84.0           |
| 910            | 2.3             | 85.0           |
| 912            | 2.3             | 85.7           |
| 914            | 2.3             | 86.0           |
| 916            | 2.2             | 86.1           |
| 918            | 2.2             | 85.9           |
| 920            | 2.2             | 86.0           |
| 922            | 2.2             | 86.4           |
| 924            | 1.9             | 85.9           |
| 926            | 1.9             | 85.1           |
| 928            | 2.1             | 85.5           |
| Average        | -               | 84.9           |

## Radiation Patterns



## Mechanical Specifications

