



| Performance Parameters |                              |
|------------------------|------------------------------|
| Product Name           | Built-in FPC Antenna         |
| Model Type             | KH-FPC2.4G-1.13IPEX-100-3239 |
| Frequency Range        | 2400-2500 MHZ                |
| Band Width             | 100 MHZ                      |
| V.S.W.R                | ≤2.0                         |
| Gain                   | 5 DBi                        |
| Impedance              | 50 ohm                       |
| Polarization           | Horizontal Polarization      |
| Radiation              | Omnidirectional              |
| Max Power              | 10 W                         |
| Cable                  | RF-1.13-L=100 MM             |
| Connector              | IPEX                         |
| Dimensions             | 32 mm*49 mm                  |
| Temperature            | -35°C-75°C                   |
| Lighting Protection    | DC Grounding                 |

| S/N | Material Name       | Product Description               | Quantity |
|-----|---------------------|-----------------------------------|----------|
| ①   | Antenna Element     | FPC(IP)                           | 1        |
| ②   | Installation Method | 3M 300LSE                         | 1        |
| ③   | Cable               | RFØ1.13 COAXIAL CABLE 50ohm BLACK | 1        |
| ④   | Connector           | IPEX Generation 1                 | 1        |

## Shenzhen Kinghelm Electronics Co., Ltd

|           |         |       |               |      |         |         |             |                      |        |            |      |     |
|-----------|---------|-------|---------------|------|---------|---------|-------------|----------------------|--------|------------|------|-----|
| Tolerance | .X      | ±0.30 | Change Record | Date | Changer | Model   | Part number | YG-32                | Coding |            |      |     |
|           | X.X     | ±0.20 |               |      |         |         | Description | Built-in FPC Antenna |        |            |      |     |
| Drawing   | X.XX    | ±0.10 | Scale         | Unit | Paper   | Version | A4          | Illustration         | Date   | 2020.06.30 |      |     |
|           | ANGULAR | ±5~   |               |      |         |         |             |                      |        | Checked    | Page | 1:1 |
|           |         |       |               |      |         |         |             |                      |        |            |      |     |