

Dual Junction Coaxial Isolator 700 ~ 3500MHz

Application

- ▶ RF power amplifier protection.
- ▶ Digital, Satellite, Mobile Communication.
- ▶ Medical, Communication, Security.
- ▶ Military, Space and Commercial applications.

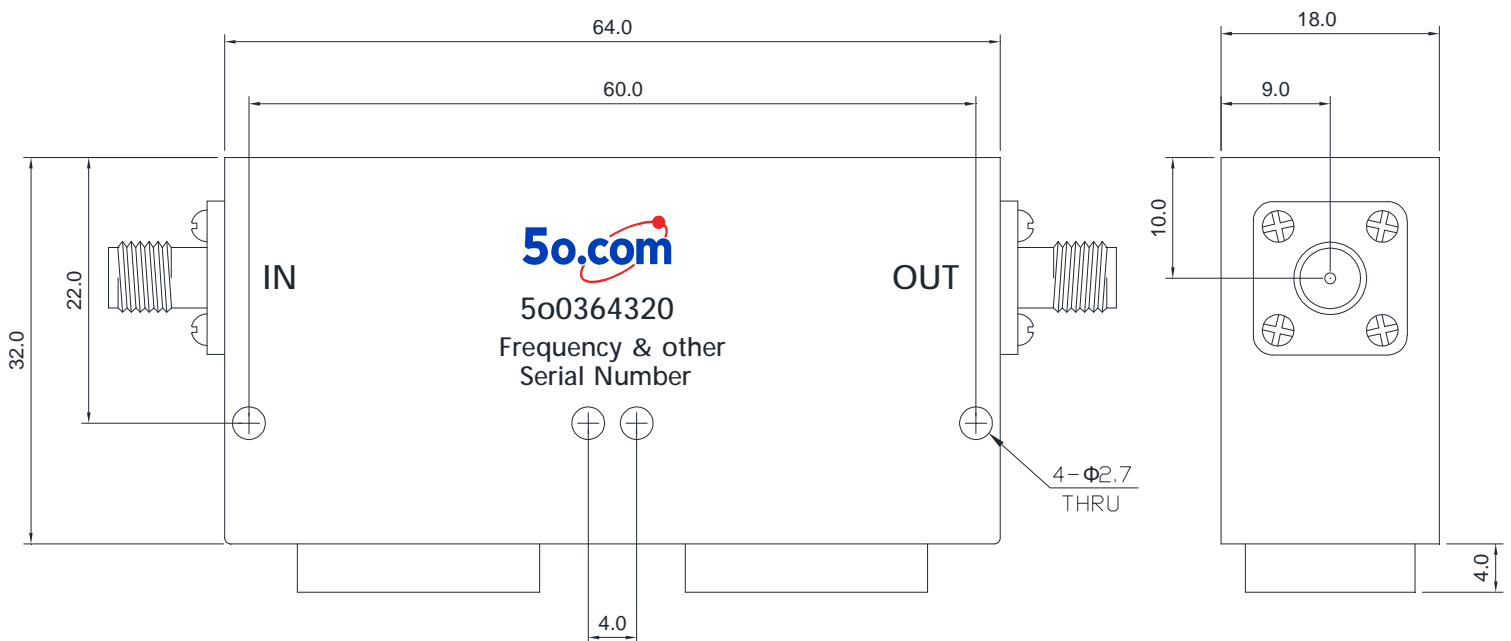
RF Characteristics

| Part Number | Frequency Range (MHz) | Isolation Min(dB) | VSWR Max | Insertion Loss Max(dB) | Connector Type | Temp.(°C) |
|---------------------|-----------------------|-------------------|----------|------------------------|----------------|-----------|
| 5o0364320800900NK | 800 ~ 900 | 40 | 1.25 | 0.8 | N Female | -30 ~ +70 |
| 5o0364320925960SK | 925 ~ 960 | 45 | 1.2 | 0.6 | SMA Female | -30 ~ +70 |
| 5o03643209601215NK | 960 ~ 1215 | 40 | 1.25 | 0.8 | N Female | -30 ~ +70 |
| 5o036432013501500SK | 1350 ~ 1500 | 40 | 1.25 | 0.6 | SMA Female | -40 ~ +85 |
| 5o036432014501700SK | 1450 ~ 1700 | 40 | 1.25 | 0.8 | SMA Female | -20 ~ +65 |
| 5o036432016001700SK | 1600 ~ 1700 | 50 | 1.15 | 0.5 | SMA Female | -30 ~ +70 |
| 5o036432016002000NK | 1600 ~ 2000 | 36 | 1.3 | 1.0 | N Female | -20 ~ +65 |
| 5o036432017002200SK | 1700 ~ 2200 | 36 | 1.3 | 1.0 | SMA Female | -30 ~ +70 |
| 5o036432017101785SK | 1710 ~ 1785 | 50 | 1.15 | 0.6 | SMA Female | -30 ~ +70 |
| 5o036432018002400SK | 1800 ~ 2400 | 36 | 1.3 | 1.0 | SMA Female | -40 ~ +70 |
| 5o036432020002500SK | 2000 ~ 2500 | 40 | 1.25 | 0.8 | SMA Female | -40 ~ +70 |
| 5o036432020002700SK | 2000 ~ 2700 | 36 | 1.3 | 1.0 | SMA Female | -40 ~ +70 |
| 5o036432021102170SK | 2110 ~ 2170 | 50 | 1.15 | 0.6 | SMA Female | -40 ~ +85 |
| 5o036432023002500SK | 2300 ~ 2500 | 45 | 1.2 | 0.6 | SMA Female | -40 ~ +85 |
| 5o036432024002600SK | 2400 ~ 2600 | 45 | 1.2 | 0.6 | SMA Female | -40 ~ +85 |
| 5o036432025002700SK | 2500 ~ 2700 | 45 | 1.2 | 0.6 | SMA Female | -40 ~ +85 |
| 5o036432025002700NK | 2500 ~ 2700 | 45 | 1.2 | 0.6 | N Female | -40 ~ +85 |
| 5o036432029003100SK | 2900 ~ 3100 | 40 | 1.3 | 0.7 | SMA Female | -40 ~ +85 |
| 5o036432031003500SK | 3100 ~ 3500 | 40 | 1.3 | 0.7 | SMA Female | -40 ~ +85 |

Basic Specifications

| | |
|---------------------|---------------------|
| Dimension | 64*32*18mm |
| Forward Power | 100W |
| Reverse Power | 30W |
| Connector Type | N, SMA(Female/Male) |
| Storage Temperature | -55°C~+125°C |
| Impedance | 50Ω |

Overall Dimension(mm)



Instructions

Tolerances: $\pm 2\%$ unless otherwise stated.

- ◆ It can be dual junction or multiple for high isolation.
- ◆ The connector can be selected according to requirements, Connect type (SMA Male/ Female, N Male/ Female, etc.)
- ◆ Only some common frequencies in the table can be produced according to the user's requirements.
- ◆ It supports a one-year standard warranty.