

## Drop in Isolator 45 ~ 270MHz

### Application

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

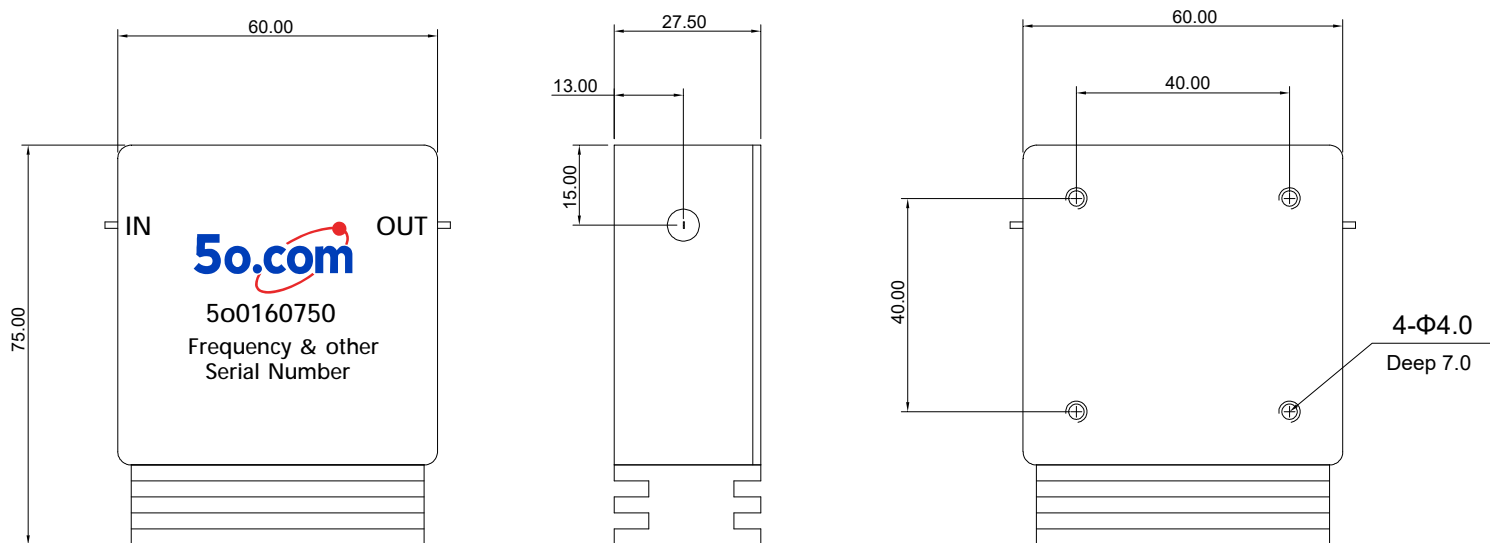
### RF Characteristics

Part Number	Frequency Range (MHz)	Isolation Min(dB)	VSWR Max	Insertion Loss Max(dB)	Connector Type	Temp.(°C)
5o01607504550	45 ~ 50	18	1.3	1.5	TAB	-10 ~ +65
5o01607504555	45 ~ 55	18	1.3	1.8	TAB	-10 ~ +65
5o01607505075	50 ~ 75	18	1.3	1.8	TAB	-10 ~ +65
5o01607505575	55 ~ 75	18	1.3	1.2	TAB	-10 ~ +65
5o01607506065	60 ~ 65	20	1.25	1	TAB	-10 ~ +65
5o01607506570	65 ~ 70	20	1.25	1	TAB	-10 ~ +65
5o01607506888	68 ~ 88	18	1.3	1.3	TAB	-20 ~ +65
5o01607507085	70 ~ 85	20	1.25	0.8	TAB	-20 ~ +65
5o01607507090	70 ~ 90	20	1.25	1	TAB	-20 ~ +65
5o016075080120	80 ~ 120	18	1.3	1	TAB	0 ~ +65
5o016075085135	85 ~ 135	18	1.3	1.2	TAB	-10 ~ +65
5o016075087108	87 ~ 108	20	1.25	0.6	TAB	-20 ~ +65
5o016075087108P200	87 ~ 108	20	1.25	0.6	TAB	-20 ~ +65
5o016075088138	88 ~ 138	18	1.3	1	TAB	-10 ~ +65
5o0160750100130	100 ~ 130	20	1.25	0.6	TAB	-30 ~ +70
5o0160750100150	100 ~ 150	18	1.3	1	TAB	-10 ~ +65
5o0160750108118	108 ~ 118	23	1.2	0.5	TAB	-30 ~ +70
5o0160750108118P200	108 ~ 118	23	1.2	0.5	TAB	-30 ~ +70
5o0160750112156	112 ~ 156	20	1.25	0.8	TAB	-30 ~ +70
5o0160750118137	118 ~ 137	23	1.2	0.5	TAB	-30 ~ +70
5o0160750118137P200	118 ~ 137	23	1.2	0.5	TAB	-30 ~ +70
5o0160750130180	130 ~ 180	20	1.25	0.6	TAB	-30 ~ +70
5o0160750136174	136 ~ 174	22	1.2	0.5	TAB	-30 ~ +70
5o0160750136174P200	136 ~ 174	22	1.2	0.5	TAB	-30 ~ +70
5o0160750148174P150	148 ~ 174	25	1.15	0.5	TAB	-30 ~ +70
5o0160750150200	150 ~ 200	20	1.25	0.6	TAB	-30 ~ +70
5o0160750150225	150 ~ 225	18	1.3	0.9	TAB	-30 ~ +70
5o0160750170200	170 ~ 200	20	1.25	0.5	TAB	-30 ~ +70
5o0160750170200P200	170 ~ 200	20	1.25	0.5	TAB	-30 ~ +70
5o0160750180220	180 ~ 220	20	1.25	0.5	TAB	-30 ~ +70
5o0160750200270	200 ~ 270	20	1.25	0.7	TAB	-30 ~ +70

## Basic Specifications

<b>Dimension</b>	60*75*28mm
<b>Forward Power</b>	100W
<b>Reverse Power</b>	100W
<b>Connector Type</b>	TAB
<b>Storage Temperature</b>	-40°C~+125°C
<b>Impedance</b>	50Ω

## Overall Dimension(mm)



## Instructions

Tolerances: ±2% unless otherwise stated.

- ◆ It can be dual junction or multiple for high isolation.
- ◆ Installing the embedded isolator/circulator, please use stainless steel or brass screws.
- ◆ Only some common frequencies in the table can be produced according to the user's requirements.
- ◆ It supports a one-year standard warranty.