

# Dual Junction Drop in Isolator 45 ~ 270MHz

## Application

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

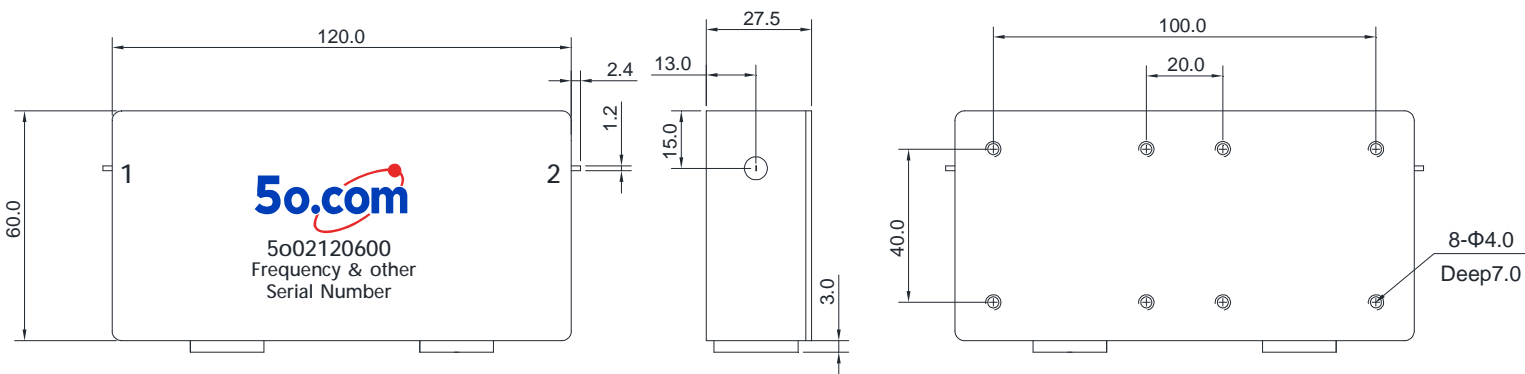
## RF Characteristics

Part Number	Frequency Range (MHz)	Isolation Min(dB)	VSWR Max	Insertion Loss Max(dB)	Connector Type	Temp.(°C)
5o021206004550	45 ~ 50	36	1.3	3.0	TAB	-10 ~ +65
5o021206004555	45 ~ 55	36	1.3	3.6	TAB	-10 ~ +65
5o021206005075	50 ~ 75	40	1.25	3.6	TAB	-10 ~ +65
5o021206005575	55 ~ 75	40	1.25	2.5	TAB	-10 ~ +65
5o021206006065	60 ~ 65	40	1.25	2.0	TAB	-10 ~ +65
5o021206006570	65 ~ 70	40	1.25	2.0	TAB	-10 ~ +65
5o021206006888	68 ~ 88	36	1.3	2.5	TAB	-20 ~ +65
5o021206007085	70 ~ 85	40	1.25	1.6	TAB	-20 ~ +65
5o021206007090	70 ~ 90	40	1.25	2.0	TAB	-20 ~ +65
5o0212060080120	80 ~ 120	36	1.3	2.0	TAB	0 ~ +65
5o0212060085135	85 ~ 135	36	1.3	2.4	TAB	-10 ~ +65
5o0212060087108	87 ~ 108	40	1.25	1.2	TAB	-20 ~ +65
5o0212060087108P200	87 ~ 108	40	1.25	1.2	TAB	-20 ~ +65
5o0212060088138	88 ~ 138	36	1.3	2.0	TAB	-10 ~ +65
5o02120600100130	100 ~ 130	40	1.25	1.2	TAB	-30 ~ +70
5o02120600100150	100 ~ 150	40	1.25	2.0	TAB	-10 ~ +65
5o02120600108118	108 ~ 118	45	1.2	1.0	TAB	-30 ~ +70
5o02120600108118P200	108 ~ 118	45	1.2	1.0	TAB	-30 ~ +70
5o02120600112156	112 ~ 156	40	1.25	1.6	TAB	-30 ~ +70
5o02120600118137	118 ~ 137	45	1.2	1.0	TAB	-30 ~ +70
5o02120600118137P200	118 ~ 137	45	1.2	1.0	TAB	-30 ~ +70
5o02120600130180	130 ~ 180	40	1.25	1.2	TAB	-30 ~ +70
5o02120600136174	136 ~ 174	44	1.2	1.0	TAB	-30 ~ +70
5o02120600136174P200	136 ~ 174	44	1.2	1.0	TAB	-30 ~ +70
5o02120600148174P150	148 ~ 174	50	1.15	1.0	TAB	-30 ~ +70
5o02120600150200	150 ~ 200	40	1.25	1.2	TAB	-30 ~ +70
5o02120600150225	150 ~ 225	36	1.3	1.8	TAB	-30 ~ +70
5o02120600170200	170 ~ 200	40	1.25	1.0	TAB	-30 ~ +70
5o02120600170200P200	170 ~ 200	40	1.25	1.0	TAB	-30 ~ +70
5o02120600180220	180 ~ 220	40	1.25	1.0	TAB	-30 ~ +70
5o02120600200270	200 ~ 270	40	1.25	1.4	TAB	-30 ~ +70

## Basic Specifications

Dimension	120*60*28mm
Forward Power	100W
Reverse Power	50W
Connector Type	TAB
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.
- ◆ 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.