

## Coaxial Isolator 45 ~ 270MHz

### Application

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

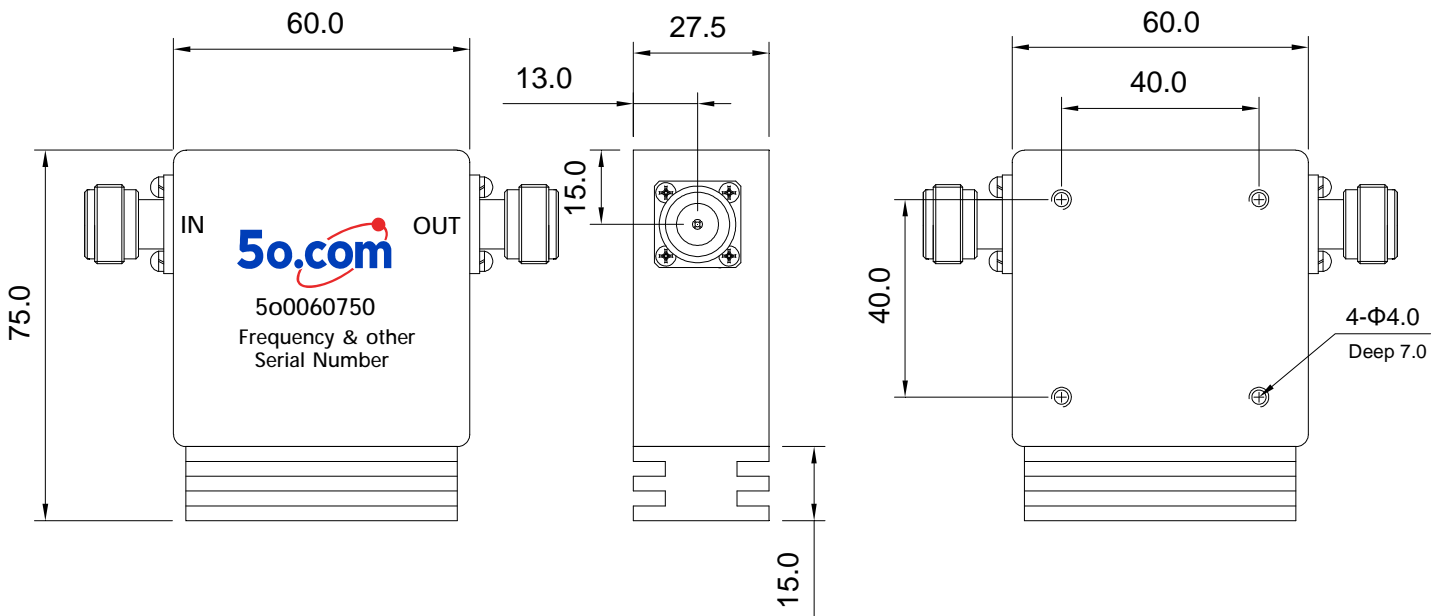
### RF Characteristics

Part Number	Frequency Range (MHz)	Isolation Min(dB)	VSWR Max	Insertion Loss Max(dB)	Connector Type	Temp.(°C)
5o00607504550SK	45 ~ 50	18	1.3	1.5	SMA Female	-10 ~ +65
5o00607504555SK	45 ~ 55	18	1.3	1.8	SMA Female	-10 ~ +65
5o00607505075SK	50 ~ 75	18	1.3	1.8	SMA Female	-10 ~ +65
5o00607505575SK	55 ~ 75	18	1.3	1.2	SMA Female	-10 ~ +65
5o00607506065NK	60 ~ 65	20	1.25	1.0	N Female	-10 ~ +65
5o00607506570NK	65 ~ 70	20	1.25	1.0	N Female	-10 ~ +65
5o00607506888SK	68 ~ 88	18	1.3	1.3	SMA Female	-20 ~ +65
5o00607507085SK	70 ~ 85	20	1.25	0.8	SMA Female	-20 ~ +65
5o00607507090NK	70 ~ 90	20	1.25	1.0	N Female	-20 ~ +65
5o006075080120SK	80 ~ 120	18	1.3	1.0	SMA Female	0 ~ +65
5o006075085135NK	85 ~ 135	18	1.3	1.2	N Female	-10 ~ +65
5o006075087108NK	87 ~ 108	20	1.25	0.6	N Female	-20 ~ +65
5o006075087108NKP200	87 ~ 108	20	1.25	0.6	N Female	-20 ~ +65
5o006075088138NK	88 ~ 138	18	1.3	1.0	N Female	-10 ~ +65
5o0060750100130NK	100 ~ 130	20	1.25	0.6	N Female	-30 ~ +70
5o0060750100150SK	100 ~ 150	18	1.3	1.0	SMA Female	-10 ~ +65
5o0060750108118NK	108 ~ 118	23	1.2	0.5	N Female	-30 ~ +70
5o0060750108118NKP200	108 ~ 118	23	1.2	0.5	N Female	-30 ~ +70
5o0060750112156NK	112 ~ 156	20	1.25	0.8	N Female	-30 ~ +70
5o0060750118137NK	118 ~ 137	23	1.2	0.5	N Female	-30 ~ +70
5o0060750118137NKP200	118 ~ 137	23	1.2	0.5	N Female	-30 ~ +70
5o0060750130180SK	130 ~ 180	20	1.25	0.6	SMA Female	-30 ~ +70
5o0060750136174SK	136 ~ 174	22	1.2	0.5	SMA Female	-30 ~ +70
5o0060750136174NKP200	136 ~ 174	22	1.2	0.5	N Female	-30 ~ +70
5o0060750148174NKP150	148 ~ 174	25	1.15	0.5	N Female	-30 ~ +70
5o0060750150200NK	150 ~ 200	20	1.25	0.6	N Female	-30 ~ +70
5o0060750150225SK	150 ~ 225	18	1.3	0.9	SMA Female	-30 ~ +70
5o0060750170200NK	170 ~ 200	20	1.25	0.5	N Female	-30 ~ +70
5o0060750170200NKP200	170 ~ 200	20	1.25	0.5	N Female	-30 ~ +70
5o0060750180220SJSK	180 ~ 220	20	1.25	0.5	SMA-J to SMA Female	-30 ~ +70
5o0060750200270NK	200 ~ 270	20	1.25	0.7	N Female	-30 ~ +70

## Basic Specifications

Dimension	60*75*27.5mm
Forward Power	100W
Reverse Power	100W
Connector Type	SMA (Male/Female), N (Male/Female)
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.