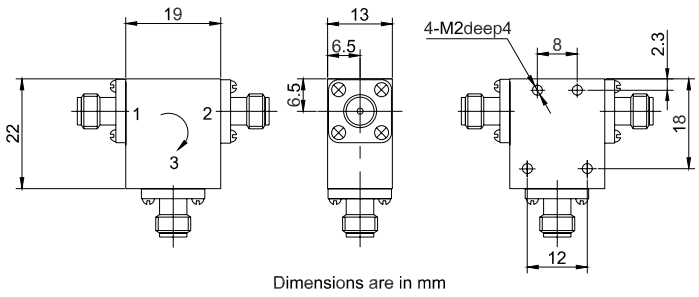
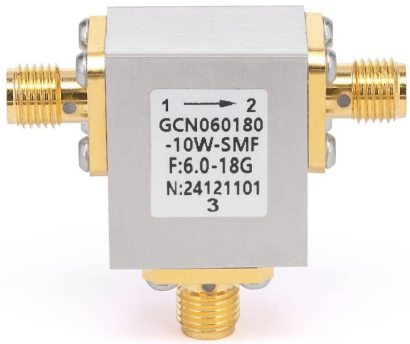
# Datasheet

## Circulator with 11dB Isolation from 6GHz to 18GHz | 10 Watts with SMA Female

P/N: GCN060180-10W-SMF



Dimensions are in mm




## Product Configuration

| | |
|---|---|
| Connector 1 Series | SMA |
| Connector 2 Series | SMA |
| Connector 1 Polarity | Standard |
| Connector 2 Polarity | Standard |
| Connector 1 Gender | Female |
| Connector 2 Gender | Female |
| Connector 1 Impedance (Ohm) | 50 |
| Connector 2 Impedance (Ohm) | 50 |

## Mechanical Data

| | |
|---|---|
| Connector 1 Body Material | Brass |
| Connector 1 Body Plating | Gold |
| Connector 2 Body Material | Brass |
| Connector 2 Body Plating | Gold |
| Weight (g) | 29 |
| Body Material | Aluminum |
| Body Plating | Oxidation |
| External body material | Nickel plated iron |


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# Circulator with 11dB Isolation from 6GHz to 18GHz | 10 Watts with SMA Female

P/N: GCN060180-10W-SMF

## Electrical Specifications

| | |
|---|---|
| VSWR / Return Loss | ≤1.80 |
| Insertion Loss | ≤ 1.5dB |
| Power, Max Input (Watts) | 10 |
| Frequency Range | 6GHz~18GHz |
| Isolation Min.(dB) | 11 |
| Direction | Clockwise:1→2→3 |

## Enviromental Specifications

| | |
|---|---|
| RoHS Compliant | Yes |
| Operating Temperature Range | -30 ºC to +70 ºC |
| Storage Temperature Range | -40 ºC to +85 ºC |

## Test Data

