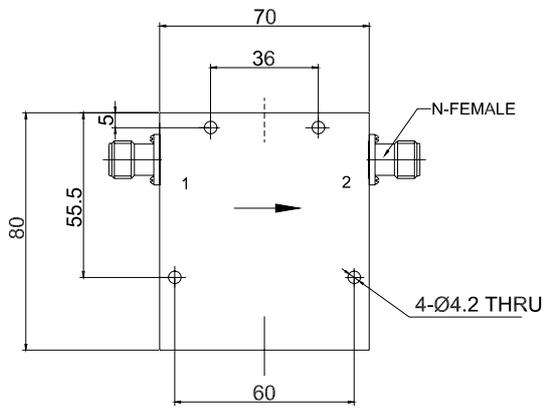


**Isolator with 16dB Isolation from 1GHz to 2GHz | 30 Watts with N Female**

P/N: GIS010020-NF



Dimensions are in mm



**Product Configuration**

|                               |          |
|-------------------------------|----------|
| Connector-In Series           | N        |
| Connector-In Polarity         | Standard |
| Connector-In Gender           | Female   |
| Connector-In Impedance (Ohm)  | 50       |
| Connector-Out Series          | N        |
| Connector-Out Polarity        | Standard |
| Connector-Out Gender          | Female   |
| Connector-Out Impedance (Ohm) | 50       |

**Mechanical Data**

|                             |                    |
|-----------------------------|--------------------|
| Weight (g)                  | 451                |
| Body Material               | Aluminum           |
| Body Plating                | Oxidation          |
| Connector In Body Material  | Brass              |
| Connector In Body Plating   | Nickel             |
| Connector Out Body Material | Brass              |
| Connector Out Body Plating  | Nickel             |
| External body material      | Nickel plated iron |

**Isolator with 16dB Isolation from 1GHz to 2GHz | 30 Watts with N Female**

P/N: GIS010020-NF

**Electrical Specifications**

|                          |           |
|--------------------------|-----------|
| Frequency                | 1GHz-2GHz |
| VSWR / Return Loss       | ≤1.40     |
| Insertion Loss           | ≤ 0.7dB   |
| Power, Max Input (Watts) | 30        |
| Frequency Range          | 1GHz~2GHz |
| Isolation Min.(dB)       | 16        |

**Environmental Specifications**

|                             |                  |
|-----------------------------|------------------|
| RoHS Compliant              | Yes              |
| Operating Temperature Range | 0°C to +60 °C    |
| Storage Temperature Range   | -40 °C to +85 °C |

**Test Data**

