

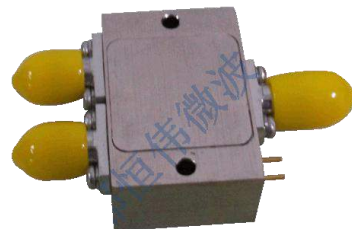


**HENGWEI MICROWAVE**

# HWSPDT020180A80

## FEATURE:

- ◆ Solid State,Mixture Integrated
- ◆ High Speed,Low Loss,High Isolation
- ◆ Field Removable SMA(F) Connector
- ◆ Integrated with Driver



## APPLICATION:

- ◆ Test equipment
- ◆ Radar Warfare system
- ◆ Communication system

## SPECIFICATIONS

| ITEM                       | Parameter |
|----------------------------|-----------|
| Fre.                       | 2~18GHz   |
| IL (dB.Typ)                | 3.1       |
| Isolation(dB.Min)          | 80        |
| VSWR(Max)                  | 2         |
| Input Power(W.Max)         | 0.2       |
| Switch time(ns)            | 50        |
| Current@ +5V/-5VDC(mA.Typ) | 60/40     |
| Conector                   | SMA-F     |

## ENVIRONMENTAL RATINGS

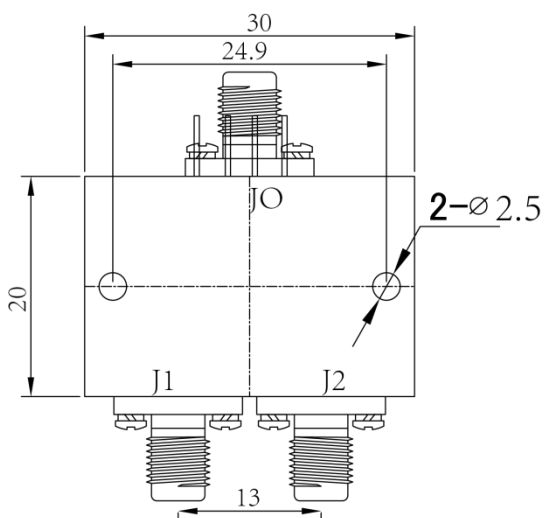
| Parameter                       | Min   | Typical  | Max   | Units |
|---------------------------------|-------|----------|-------|-------|
| Operating Temperature           | -40   |          | +85   | ℃     |
| Non-operating Temperature       | -55   |          | +125  | ℃     |
| Relative humidity               |       | 95       |       | %     |
| Altitude                        | 10000 |          | 30000 | feet  |
| Shock / Vibration(MIL-STD-810F) |       | Airborne |       |       |



HENGWEI MICROWAVE

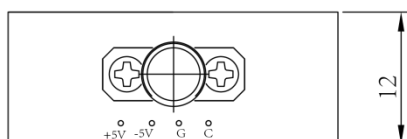
HWSPDT020180A80

# OUTLINE DRAWING(mm)



|       |   |
|-------|---|
| ON    | C |
| J0-J1 | 1 |
| J0-J2 | 0 |

注: “1” +5V, “0” 0V.



# TEST CURVE:

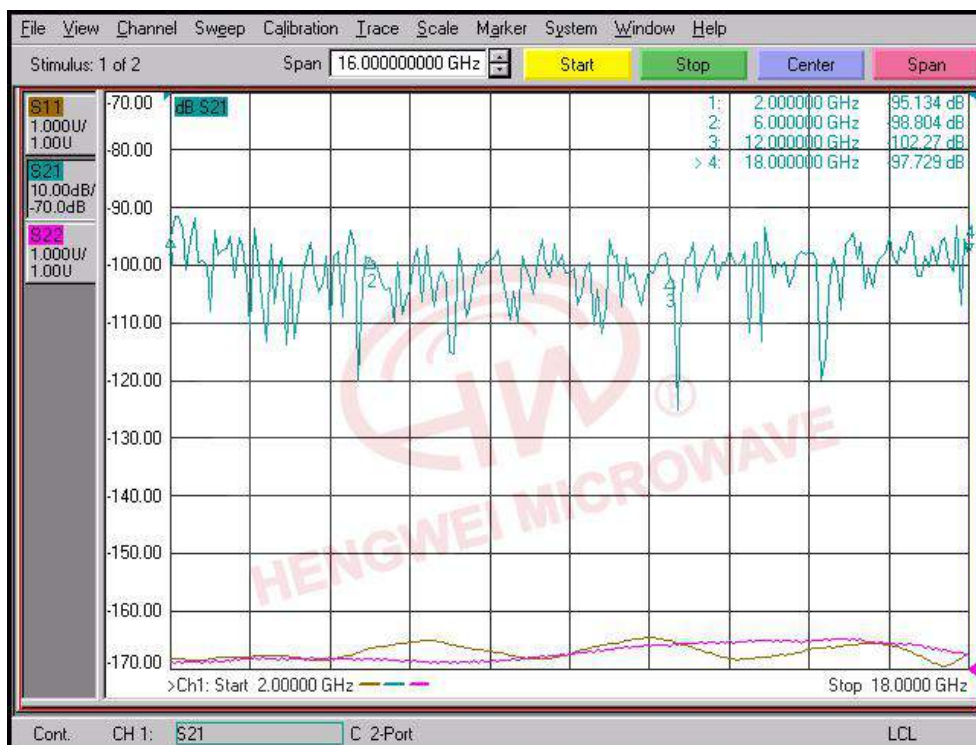


J0-1IL



HENGWEI MICROWAVE

HWSPDT020180A80



J0-1IS0

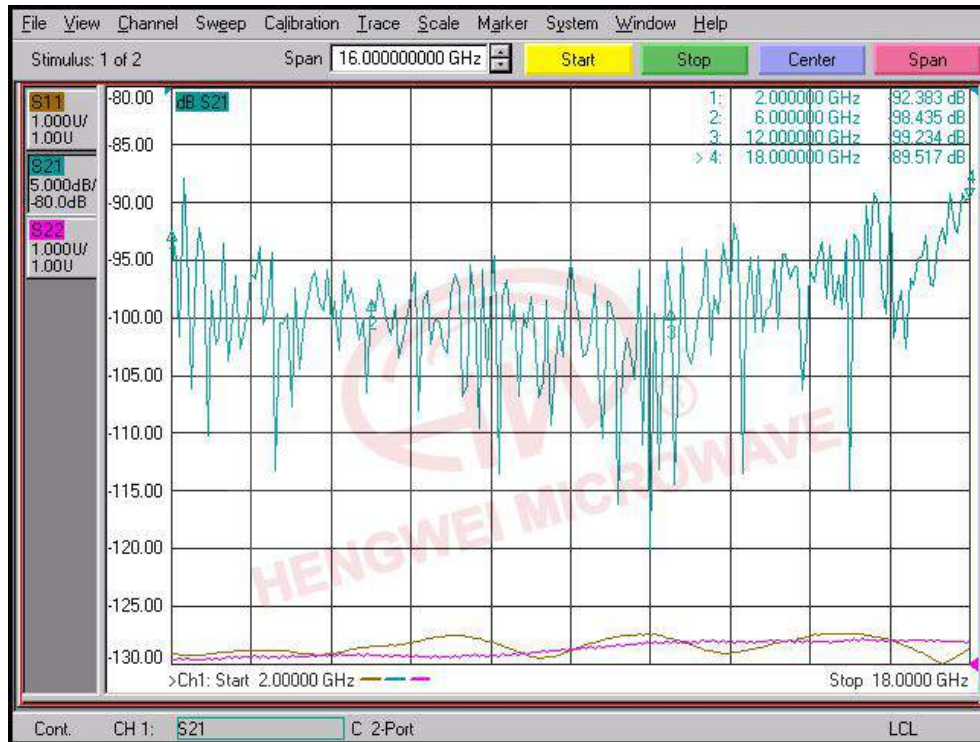


J0-2IL



HENGWEI MICROWAVE

HWSPDT020180A80



J0-2ISO