

## **Power Divider**

### **GHPD2DIN-2-4.6G**

#### **Applications**

- . **Wireless Communications**
- . **SATCOM**
- . **Test and Measurement**
- . **Military Communications**
- . **Commercial Communications**

#### **Description**

**GHPD2DIN-2-4.6G** 2 way DIN7/16 power divider (also known as a DIN7/16 coaxial power splitter) is rated for a minimum frequency of 2 GHz and a maximum frequency of 4.6 GHz. This Goghel 2 port DIN7/16 power divider / coaxial splitter has a 50 Ohm impedance and a maximum input power of 50 Watts(cw). Our DIN7/16 coaxial RF splitter / divider has a female DIN7/16 type input and 2 female DIN7/16 output ports.

This 2 way DIN7/16 RF power divider from Goghel is a reactive design and has a maximum insertion loss of 0. The maximum input VSWR of this DIN7/16 reactive splitter / divider is 1.50:1 and the minimum isolation is 18 dB.

Goghel offers power dividers and combiners that are highly reliable with exceptional specifications offering broadband frequency ranges, high isolation, low insertion loss, low VSWR, low and high power solutions and can utilize different material construction such as stripline, microstrip, and lumped element technology to support various requirements and applications.

## Electrical Specifications

Model	GHPD2DIN-2-4.6G
NO.of Ways	2
Frequency Range (GHz)	2 ~ 4.6
Insertion Loss (dB)	≤0.8
Isolation(dB)	≥ 18
VSWR	≤ 1.50:1
Amplitude Balance(dB)	≤ ±0.5
Phase Balance (° )	/
Power Handling(Watt)	Forward Power:≤50 (CW)
Operating Temperature(°C)	-25 ~ +65
Impedance	50Ω
Port Connectors	DIN 7/16-Female
Surface Color	Black Paint (Options)
Outline Drawing	As Below

