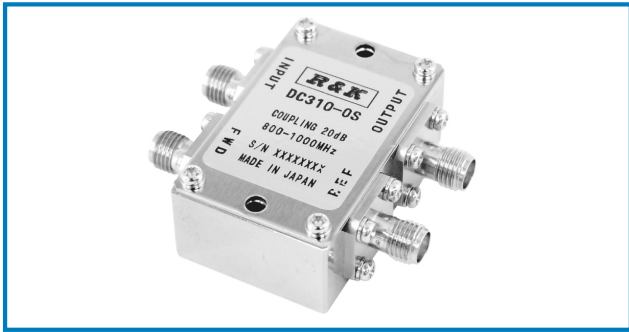


# DIRECTIONAL COUPLER

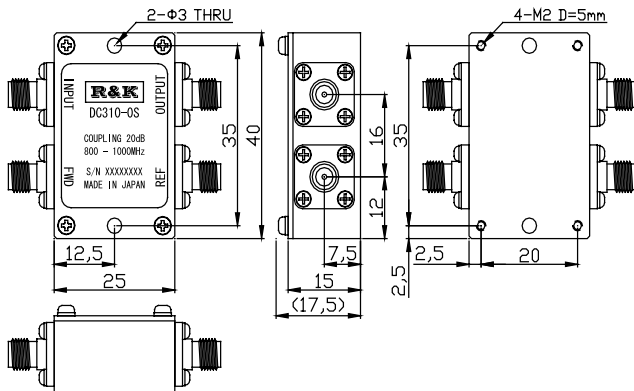


## R&K-DC310-0S



### OUTLINE DRAWING

※IN MILLIMETERS



- Frequency Range : 800 ~ 1000MHz
- High Power 100W
- Low Insertion Loss
- Coupling 20dB
- RoHS Compliance

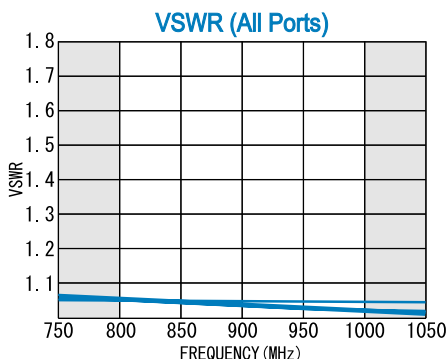
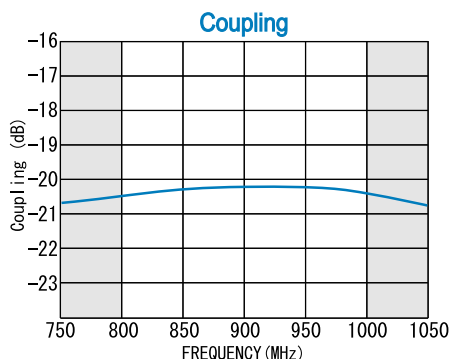
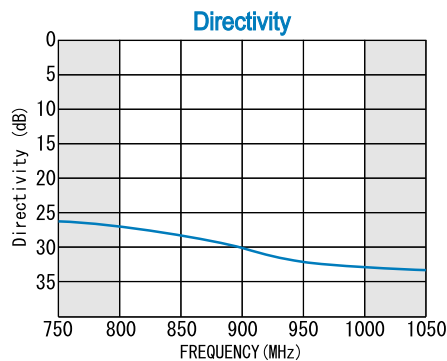
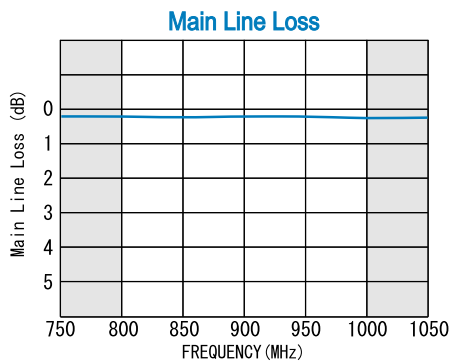
### SPECIFICATIONS

Frequency Range	: 800 - 1000MHz
Main Line Loss	: 0.3dB (max.)
Coupling	: 20dB ± 1.5dB
Coupling Flatness	: ± 0.5dB
Directivity	: 20dB (min.)
VSWR (All Ports)	: 1.2 : 1 (max.)
Impedance	: 50Ω
Maximum RF Input Power	: 100W
Operating Temperature	: -40°C to + 85°C
Storage Temperature	: -40°C to +100°C
Connectors	: SMA-FEMALE
Weight	: 45g (typ.)

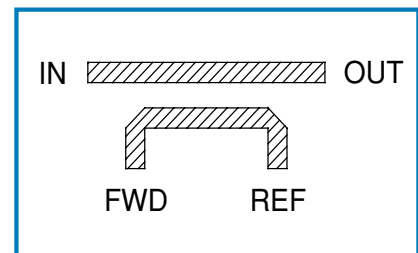
### HOW TO ORDER

Model Name  
R&K-DC310-0S  No Option

### TYPICAL PERFORMANCE (Temp @+25°C)



### SCHEMATIC



R&K reserves the right to make changes in the specifications of or discontinue products at any time without notice. R&K products shall not be used for or in connection with equipment that requires an extremely high level of reliability and safety such as aerospace uses or medical life support equipment. Further, R&K cannot export products to any country for use in military or defense applications.

## R&K Company Limited

721-1 Maeda, Fuji-City, Shizuoka-Pref. 416-8577 Japan  
Tel : +81-545-31-2600 E-mail : info@rk.co.jp  
Fax : +81-545-31-1600 URL : http://rk-microwave.com