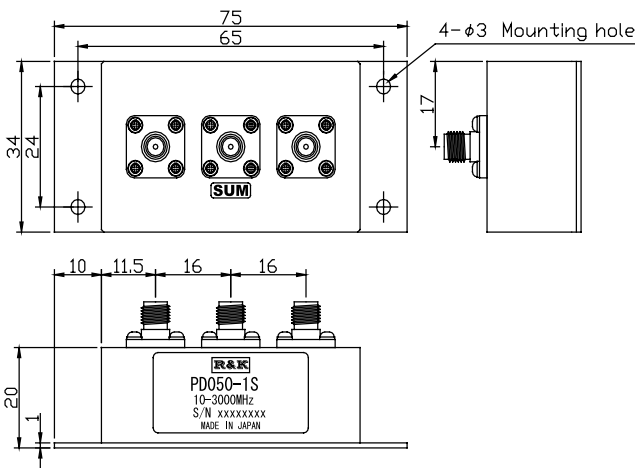


## R&K-PD050-1S



### OUTLINE DRAWING

※IN MILLIMETERS



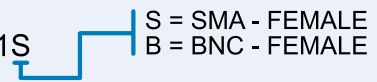
- Frequency Range : 10 ~ 3000MHz
- 2Way-0°
- Low Cost
- RoHS Compliance

### SPECIFICATIONS

|                        |   |
|------------------------|---|
| Frequency Range        | : 10 - 3000MHz                                    |
| Insertion Loss         | : 2.5dB (max.)<br>(Except Theoretical Loss 3.0dB) |
| Amplitude Balance      | : 1.0dB (max.)                                    |
| Isolation              | : 15dB (min.)                                     |
| Phase Balance          | : 8° (max.)                                       |
| Phase Difference       | : 0°  |
| Between Output Ports   |   |
| VSWR (SUM)             | : 2.8:1 (max.)                                    |
| VSWR (Other)           | : 2.8:1 (max.)                                    |
| Impedance              | : 50Ω   |
| Maximum RF Input Power | : 1W (1.2:1 Load VSWR)                            |
| Operating Temperature  | : -40°C to + 85°C                                 |
| Storage Temperature    | : -40°C to +100°C                                 |
| Connectors (Standard)  | : SMA-FEMALE                                      |
| Connectors (Option)    | : BNC-FEMALE                                      |
| Weight (SMA Connector) | : 75g (typ.)                                      |

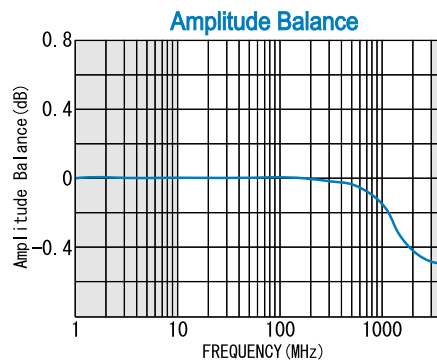
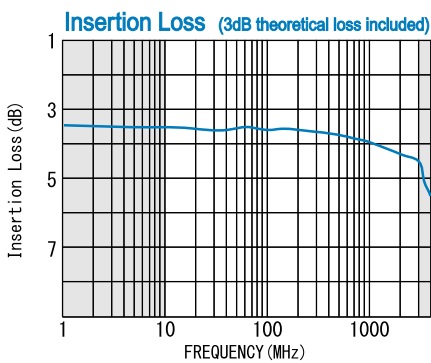
### HOW TO ORDER

Model Name R&K-PD050-1S

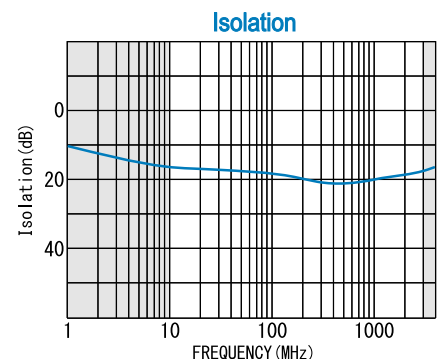
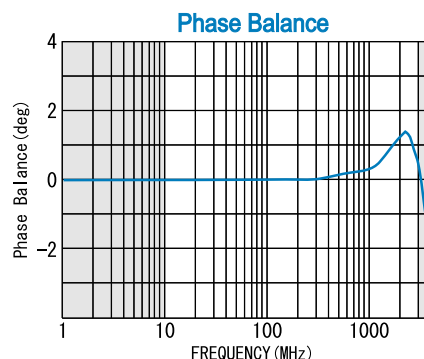
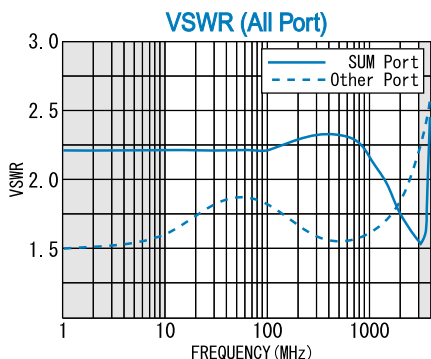
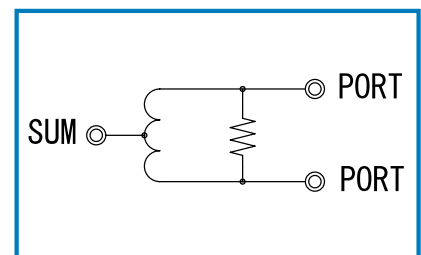


※BNC Operational to 1GHz

### 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.

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