180° HYBRID JUNCTION

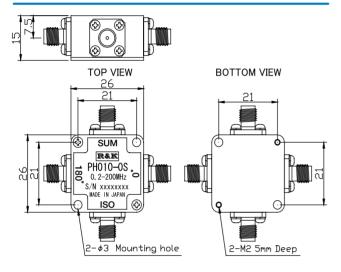


R&K-PH010-0S



OUTLINE DRAWING

XIN MILLIMETERS



2Way-180°

: $0.2 \sim 200 MHz$

Frequency Range High Isolation Small Size

■ RoHS Compliance

SPECIFICATIONS

Frequency Range : 0.2 - 200MHz Insertion Loss : 1.5dB (max.)

(Except Coupling Loss 3.0dB)

Amplitude Balance : 0.5dB (max.) Isolation : 20dB (min.) : ±5° (max.) : 180° Phase Balance Phase Difference

Between Output Ports

VSWR (All Ports) : 1.5:1 (max.) Impedance : 50 Ω

Maximum RF Input Power : 1W

Operating Temperature : -40°C to + 85°C Storage Temperature : -40°C to +100°C Connectors (Standard) : SMA-FEMALE Connectors (Option) : BNC-FEMALE : N-FEMALE

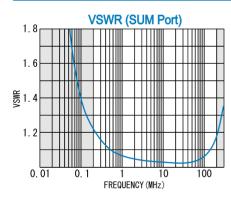
SCHEMATIC

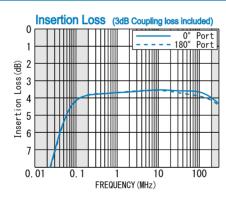
Weight (SMA Connector) : 30g (typ.)

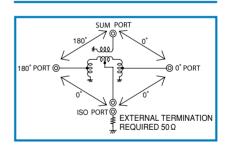
HOW TO ORDER

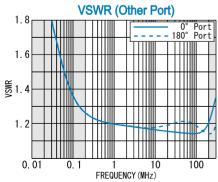
Model Name R&K-PH010-0S S = SMA - FEMALE B = BNC - FEMALE N = N - FEMALE

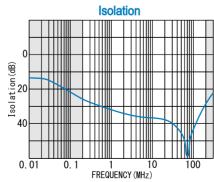
TYPICAL PERFORMANCE (Temp @+25°C)

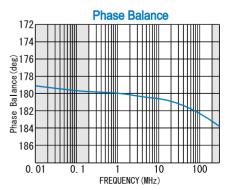












R&K reserves the right to make changes in the specifications of or discontinue products at any time without notice. R&K products shall not be used for or in connection with equipment that requires an extremely high level of reliability and safety such as aerospace uses or medical life support equipment.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

R&K Company Limited

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