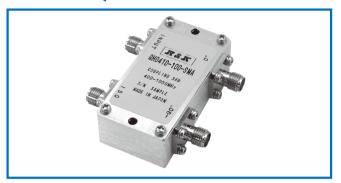
QUADRATURE HYBRID

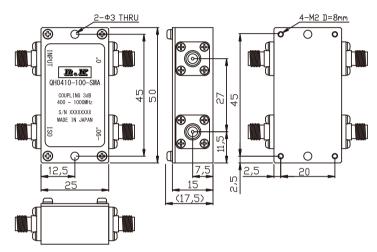


R&K-QH0410-100-SMA



OUTLINE DRAWING

XIN MILLIMETERS



■ 2Way-90°

Frequency Range 400 **∼** 1000MHz

High Power 100W Low Insertion Loss

SPECIFICATIONS

Frequency Range : 400-1000MHz : 1.0dB (max.) Insertion Loss

(Except Coupling Loss 3.0dB)

Amplitude Balance : 2dB (max.) Isolation : 15dB (min.) : 5° (max.) Phase Balance : 90° Phase Difference

Between Output Ports

VSWR (All Ports) : 1.4:1 (max.)

Impedance : 50 Ω

Maximum RF Input Power : 100W(@+25°C) $: -40^{\circ}\text{C} \text{ to } + 85^{\circ}\text{C}$ **Operating Temperature** Storage Temperature $: -40^{\circ}\text{C} \text{ to } + 100^{\circ}\text{C}$ Connectors (Standard) : SMA-FEMALE Weight (SMA Connector) : 55g (typ.)

SCHEMATIC

ISO

-90°

HOW TO ORDER

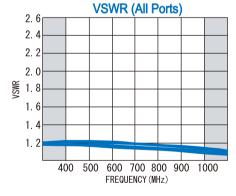
Model Name R&K-QH0410-100-SMA

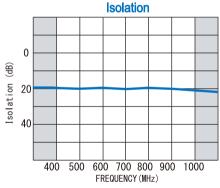
No Option

ΙN

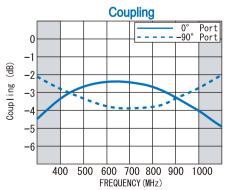
 0°

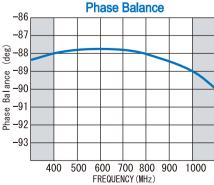
TYPICAL PERFORMANCE (Temp @+25°C)











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