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, the export of R&K products from Japan may be subject to an export license by the government of Japan, based on Japan’s "Foreign Exchange and Foreign Trade Law".

QUADRATURE HYBRID

R&K-QH510-0S

OUTLINE DRAWING

SPECIFICATIONS

- Frequency Range: 500～3000MHz
- Insertion Loss: 1.0dB (max.)
- Amplitude Balance: 1.5dB (max.)
- Isolation: 15dB (min.)
- Phase Balance: ±8° (max.)
- Phase Difference: 90°
- Between Output Ports: 1.5:1 (max.)
- Impedance: 50Ω
- Maximum RF Input Power: 70W
- Operating Temperature: −40°C to +85°C
- Storage Temperature: −40°C to +100°C
- Connectors: SMA- FEMALE
- Weight: 210g (typ.)

HOW TO ORDER

Model Name
R&K-QH510-0S

TYPICAL PERFORMANCE (Temp @+25°C)

VSWR (Input Port)

Coupling

Phase Balance

Isolation

SCHEMATIC

IN

ISO

−90°

0°

Δ1

*R CHANGE Δ1 7/Mar./2016