



RN2 Technologies specializes in multilayered circuit design and manufacture know-how with LTCC, HTCC, AlN, and Ferrite material.

We use Ag and Cu to make electric circuits. With 3 dimensional stack technology, we can make a number of passive components and circuits into small size chips and substrates. RN2 Technologies offers customized multilayered components, substrates solutions.

RN2 Core Competence

- Material Design Capability
- Circuit Design Flexibility
- Co-firing with different Materials
- High Yield & Performance by New Process
- Fine Process by Experienced Personnel
- Low material cost by in-house powder Manufacturing

90 DEG HYBRID COUPLERS

3 dB, 90° hybrid coupler is used to equally split an input signal with a resultant 90° phase shift between output signals. RN2 couplers provide lower insertion loss, higher durability of heating and high power voltage.

ASYMMETRIC COUPLERS

The 90 degree asymmetric coupler is used for unevenly dividing and combining signals and the passive device is made for the asymmetric amplifier system. Depending on the coupling amount, there are 3 kinds of items, such as 1.5dB (2:1), 2.5dB(2:3), 5dB(1:2)

TERMINATION

Termination receives and terminates unnecessary RF signal. With Alumina and AlN material, RN2 provides small size and high reliable terminations.

In addition to standard shape items, RN2 also developed Ag lead attached item and is now mass producing

RN2 Website: www.rn2.co.kr

Address: 11, Dongtansandan 9-gil, Dongtan-myeon, Hwaseong-si, Gyeonggi-do, 18487, KOREA

