SigaTek Press Release April, 2012

SigaTek Announces New 90 and 180 degree Hybrids

SigaTek microwave introduces a new family of high frequency multi octave band 90 and 180 degree 3 dB hybrid couplers. These devices exhibit 90 or 180 degree phase in different bands covering a wide range of frequencies from 0.5 to 40 Ghz. They feature low loss, high isolation and excellent return loss making them unique in dividing or combining RF signals.

SigaTek offers a big selection of microwave components covering the frequencies DC - 80 Ghz: Power dividers, directional couplers, 90 and 180 degree hybrids, microwave mixers, frequency doublers, bias tees, I Q modulators, demodulators, image reject mixers, analog phase shifters, coaxial load terminations, connectors and adapters.

Model SH17556 is a high frequency multi octave band 3 dB 180 degree hybrid coupler that covers the frequency range of 3-40 Ghz and SH16556 covers the frequency range of 6-40 Ghz. Aluminum housing with 2.92mm female connectors. They feature low loss and excellent amplitude balance. Isolation is 15 dB, phase 180±12 degree and VSWR is 1.90:1.
View all designs of 180 degree hybrids covering 0.5-40 Ghz

Model SQ21510 is a 3 dB 90 degree multistage hybrid coupler covering the frequency range of 4–26.5 Ghz. This multi section design features a coupling of 4.0±1.0 dB and an amplitude balance of ±0.9 dB. Power handling is 20 watt. Isolation is 14 dB and VSWR is 1.60:1. Phase balance is 90±10 degree. Aluminum housing with 2.92mm female connectors.
View all designs of 90 degree hybrids covering 0.5-26.5 Ghz

Visit www.sigatek.com web site for a complete product line and check real time inventory.
ALL STOCK ITEMS SHIP THE SAME DAY

SigaTek microwave specializes in high quality, high frequency microwave communication components up to 80 GHz. As a pioneer supplier of microwave RF components, the main products include directional couplers, power dividers/combiners, 3 dB hybrids 90° and 180°, bias tees networks, microwave mixers, frequency doublers, I Q modulators demodulators, Image reject mixers, analog phase shifters, 50 ohm load terminations, and coaxial connectors and adapters. All microwave components IN STOCK are available for same day delivery. Although we have a broad selection of components, custom and optimized designs are available upon customer request.

SigaTek Microwave

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