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New general-purpose hybrids suit applications from 200MHz to 18GHz



New from RF and microwave component specialist Link Microtek are two series of 90-degree hybrid devices, which are designed to function as either combiners or dividers in a wide range of military and commercial applications over the frequency range 0.2 to 18.0GHz.

Manufactured to the highest quality standards at Tiger Microwave's vast new production facility on the outskirts of Chengdu, the TGD-A2 and TGD-B2 hybrids utilise stripline technology to deliver first-class performance at extremely competitive prices.

The TGD-A2 series devices are equipped with SMA-type female connectors and feature a 50ohm impedance, insertion losses as low as 0.3dB, and VSWR values ranging from 1.2:1 to 1.6:1. In addition, they offer excellent phase and amplitude balance and a high isolation of typically 22dB.

Complementing them are the TGD-B2 series of hybrids, which have N-type female connectors and a power-handling capability of 120W, making them particularly suitable for use in high-power cellular communications applications in the 0.8 to 2.5GHz frequency band.

Further information from:

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