

## Want to get rid of your feeder sharing problems?

### Universal wide band multi-protocol Combiner



KATHREIN is pleased to announce the introduction of a new combiner family for co-siting and site-sharing solutions.

## SmartPlex® Multi-Protocol Dual-Band Combiner 380 – 960 / 1710 – 2690 MHz

Type No.

78210900 (BTS) / 78210901 (ANT)

Product launch Q2/2010

### Application

Infrastructure sharing is a necessity for many wireless carriers. Operators faced with feedline sharing must contend with the issue of varying communication protocols between antenna line devices (TMA's, RET actuators, etc.) and base station equipment, often from multiple manufacturers. Kathrein's new SmartPlex® product family of Cross Band Couplers/Combiners offers a cost effective solution for enabling simultaneous multi-protocol communication transparency while allowing RF feeder cable sharing. SmartPlex® also provides intuitively the correct DC supply voltages where needed.

### Customer Benefits

- Simplifies co-siting
- Enables transparent multi-protocol feeder sharing scenarios
- Simultaneous support of CWA / AISG1.1 / AISG2.0 / 3GPP / vendor specific protocols
- Dynamic DC by-pass (no more DC by-pass variants needed)
- Multi-BTS DC power supply handling
- Provides Smart Bias Tee functionality
- Can be powered externally or via BTS
- Very low insertion loss / High input power
- Built in lightning protection
- Wall or mast mounting

