

Antennas • Filters

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Press Release

FOR IMMEDIATE RELEASE

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### ***Kathrein unveils lower cost cellular panel antennas***

*Cross-polarized products are lighter than standard Kathrein panels*

**Medford, OR** – Kathrein has announced the availability of 4 new cross-polarized panel antennas for the cellular band. These economical antennas offer lower weight than standard Kathrein antennas yet do not sacrifice performance. Models 800-10202 –10203, 10204, and 10207 will be displayed at Kathrein-Scala's booth, # 2919, at Wireless 2004 in Atlanta.

Three of the panels have fixed tilt at 0°, with gain specification of 13, 15, and 16 dBd respectively; a 6° downtilt version is rated at 12.7 dBd. All are from 20-42% lower in weight than other similar Kathrein products and are 20-25% lower in cost. The 16 dBd model is also some 13 inches shorter, as well.

All use Kathrein's vector dipole technology for broadband operation, from 806-960 MHz, making them useful to both wireless carriers and ESMR operators. All feature UV-resistant fiberglass radomes, are DC-grounded for impulse suppression, and may be deployed with mechanical tilt brackets for sector optimization.

These cross-polarized antennas have been designed specifically for use in digital protocol systems, but may be employed for analog systems using power dividers to apply equal energy to each antenna port.

Kathrein Inc., Scala Division, is located in Medford, Oregon. Kathrein manufactures a complete line of antenna and filter systems for wireless telephone, land mobile radio, air-ground and broadcast systems. Kathrein-Scala is an ISO 9001 and ISO 14000 registered firm and is part of the Kathrein Group, the world's oldest and largest provider of broadcast and communications antenna technology.

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**800-10202**  
**Cross-polarized Cellular Panel**

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