

## Application

### Telecom



ISDN, EDSL and UMTS are the focal points of today's communication technologies. It has been estimated that over four billion people worldwide will be using a wireless multimedia connection by the year 2020.



- Video conferences,
- video telephone,
- interactive entertainment,
- Internet access,
- financial services,
- e-mail and voice mail,
- e-commerce and
- general communication

already enjoy widespread use as communication media. With larger and faster data transmissions, wireless multimedia connections will become even more attractive to use.

In order to ensure that every user worldwide will have the opportunity to utilize the various communication options, a broad-based cell network structure is required that can be adapted to a given population density, frequency usage and transmission power.

This cell network structure is formed with multifunctional base stations.

These base stations create the interface from user-to-user via permanent connections or satellites.

Despite great climatic and environmental influences, the supply stations must operate in a reliable and stable manner in order to ensure secure communication around the clock.

This places high demands on technology and the component involved.

Bajog supplies the necessary filters.

**Bajog electronic** <sup>GmbH</sup>   
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