Ultra High Capacity Data Links

- Proven technology solution
- Multi-channel n x 10Gbps
- High power amplifiers for extended range

Market Leading Capacity and Range

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Ultra High Capacity Data Links

Filtron Broadband’s proven technology solutions enable the next generation of ultra-high capacity long-range data links. Extensive knowledge and experience in microwave and mmWave integration ensures that system performance is optimised and size is minimised.

Innovative architectures with a focus on high levels of integration minimise size, weight and power and enable deployment of multi-channel systems in a small envelope.

- High-power, multi-channel configuration supports >10Gbps in each 2GHz bandwidth.

Flexible system configurations can be optimised to meet customer specific system requirements and applications; for example, ultra-low noise receivers.

Proven Building Blocks:
- Microwave Transceiver Modules
- mmWave Transceiver Modules
- Amplifier Modules
- Integrated Diplexers and Filters

Applications:
- Low Earth Orbit (LEO)
- High Altitude Pseudo-Satellite (HAPS)
- Unmanned Aerial Vehicles (UAV)
- High Altitude Platforms (HAP)
- Terrestrial Long Range Communications

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Filtronic Broadband is a state-of-the-art designer and manufacturer of RF, microwave and millimetre-wave products for telecoms, medical and aerospace/defence applications.

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