

Maximum Efficiency, Lowest OPEX, Compact & Flexible.

Lumina

BROADCAST SYSTEMS AUSTRALIA

Mier MC2 series transmitters for Digital TV, Digital Radio, and Mobile TV. Offering efficiency of up to 38% in UHF, above 40% in VHF and the lowest Total Cost of Ownership.

 **Mier**
COMUNICACIONES

$E=mc^2$
Efficiency Breakthrough

The MC2 Series provides system efficiency up to 38% in UHF band and above 40% in VHF, reducing dramatically energy costs, by means of an innovative amplification technique for DVB-T/ T2 and DAB/DAB+.

The improved efficiency drives to the lowest OPEX in the market, providing the minimum Total Cost of Ownership.

Compared to traditional amplifiers, the innovative very-high efficiency amplifiers included in MC2 Series provide a strong decrease in operating junction transistor

temperature, which has a relevant impact on the MTBF of the system due to the lower thermal stress of the amplifier components.

The MC2 Series also offers the possibility to incorporate redundant configurations on a simple and scalable way, for improved availability.

The Modular design also provides a high serviceability, since the hot swappable units can be replaced while keeping transmission on air. Additionally, the internal design of the Power amplifier units provides an extremely easy access to internal Fans, Air Filters and Power supply modules, allowing on-site module exchange without requiring specific technical skills, special tools or test equipment.

