

IBC 2018: EGATEL will introduce in Amsterdam its series of high efficiency compact TV transmitters and the new amplification designs based on asymmetric Doherty topology.

Highlights: TUWH1000 series of compact transmitters (output power up to 120Wrms), the only very low power High Efficiency Doherty Wide Band solution on the market; and the new RF amplifiers with asymmetric Doherty configuration and improved efficiency

Ourense, Spain, September 4th, 2018. Egatel will exhibit again at the IBC show that will take place from 14th to 18th of September in Amsterdam (RAI exhibition center), where you can visit us at booth **8.B67**.

In this edition will be introduced the compact **series TUWH1000 (transmitters) and RUWH1000 (gap-fillers) which can deliver an output power of up to 120 Wrms in a single rack unit.** Covering all digital TV standards (DVB-T/T2, ATSC (3.0 ready), ISDB-Tb), they have been specifically developed to match the requirements of low power, space constrained installations. They count with a SDR platform based design, high-performance digital adaptive precorrection system, excellent self-monitoring functionalities and a very powerful multi-standard echo-canceller SW (gap-filler series) among other highly advanced features.

In these compact series, the equipment version with 120Wrms output power present Doherty Wideband technology; a unique solution in the market for this power range.

Our customers and visitors will also get to know the **new asymmetric Doherty amplification solutions based on transistors with frequency response from 470 to 700MHz.** Applied to our high power liquid cooling TLWH7900 series and air cooling TUWH4000 series, these solutions take power density and energy efficiency beyond current limits.

As for the medium power range, we will show the TUWH3000 series which can deliver up to 300Wrms output power in only 3RU. This series integrates high performance amplifiers with easy-replaceable fans located over the rear chassis and redundant power supplies; they provide excellent reliability, flexibility and quality of service.

For the SatCOM market, it will be show the 2.5 generation of the '**Smart LNB**' line; this is an interactive terminal developed for the satellite operator Eutelsat. This new version of the satellite Tx/Rx terminal stands out for its simplified design, lightweight and compact size (1/3 of previous weight). It is optimized to offer satellite connected TV services (such as HbbTV, social networking, payment transactions, subscription-based management and on-demand services, etc); it also supports multiple Machine to Machine (M2M) and IOT applications: e-Health, Smart Home Automation, Smart Metering, etc.



About Egatel

Egatel, con sede en Ourense, España, fue fundada en 1992. La compañía está especializada en la investigación, diseño, desarrollo y fabricación de equipamiento de sistemas RF destinados a la difusión de señales de radio y TV digitales para cubrir las necesidades del área Broadcast profesional.

EGATEL está integrada en el Área de Servicios y Tecnología de COMSA Corporación, grupo referente en el sector de las infraestructuras y la ingeniería.

COMSA Corporación suma una facturación de más de 1.200 millones de euros, cuenta con una plantilla de más de más de 8.000 personas y presencia en 25 países. El grupo está organizado en tres áreas de negocio: Infraestructuras e Ingeniería, Servicios y Tecnología, y Concesiones y Energías Renovables

About Egatel

EGATEL is a highly specialized and skilled company in research, development and manufacture of RF systems designed to broadcast analog or digital radio and TV signals to meet professional Broadcast market needs globally.

EGATEL is integrated in the area of Services and Technology of COMSA EMTE, referent group in the infrastructures and engineering sector.

COMSA Corporación has a turnover of over 1,200 million euros, a staff above 8,000 employees and presence in 25 countries. The group is organized in three business areas: Infrastructures and Engineering, Services and Technology and Concessions and Renewable Energies.