

LOW POWER DAB/DAB+ VHF BIII TRANSMITTERS



- DAB/DAB+ MODULATOR WITH EXCELLENT SPECIFICATIONS
- STAND-ALONE UNIT ON 19" COMPACT FRAME
- FULLY BROADBAND SOLID STATE AMPLIFIERS
- MFN, SFN OPERATION
- DIGITAL ADAPTIVE PRECORRECTION
- SEAMLESS INPUT SWITCHING (2XETI NI OR NA)
- EDI INPUT AVAILABLE AS OPTION
- INTERNAL GPS RECEIVER AVAILABLE AS OPTION
- EFFICIENT LOW NOISE FORCED AIR COOLING
- REMOTE CONTROL/MONITORING VIA SNMP/WEB
- USER-FRIENDLY TOUCH SCREEN DISPLAY
- EASY INSTALLATION, STARTUP AND MAINTENANCE

GENERAL SPECIFICATIONS

FREQUENCY RANGE	VHF BIII (174 – 240 MHz)
STANDARDS	DAB: EN 300 401 v1.4.1, DMB : EN TS 102 428 v1.1.1 ETI INTERFACE: ETSI TS 300 799 v1.5.1, EDI ENCAPSULATION: TS 102 693
AVAILABLE INPUTS	ETI (NI) & ETI (NA) – 2x BNC 75Ω, EDI - RJ45 (OPTIONAL)
OPERATING TEMPERATURE	-5°C to 45°C
HUMIDITY	95% NON CONDENSING
INSTALLATION HEIGHT	UP TO 3000mt ASML
SAFETY	COMPLIANT WITH EN 60215

RF SPECIFICATIONS

DAB MODES	I, II, III, IV
OPERATING NETWORK	MFN, SFN
SHOULDERS	> 30 dB typical (before mask filter)
MER	> 30dB typical
VSWR	1.4
RF EMISSION	COMPLIANT WITH EN 302 077 1-2

FREQUENCY REFERENCES

BUILT-IN REFERENCE	10MHz OCXO
EXTERNAL REFERENCE	10MHz, 1PPS
FREQUENCY STABILITY	BETTER THAN 1×10^{-9} (period 24h)
ON BOARD GPS RECEIVER	AVAILABLE AS OPTION

REMOTE CONTROL AND MONITORING SYSTEM

ETHERNET, WEB SERVER AND SNMP

AVAILABLE OPTIONS

EDI INPUT

SATELLITE INPUT

OUTPUT MASK FILTER

MODELS

RF OUTPUT POWER	10W	100W	250W
SIZE	2RU 19"	2RU 19"	3RU 19"
RF OUT CONNECTORS	7/16"	7/16"	7/16"
OPERATING VOLTAGE	90÷264 VAC	90÷264 VAC	90÷264 VAC