

1200W UHF DVB-T2 TRANSMITTER



- DVB-T/T2 MODULATOR WITH EXCELLENT SPECIFICATIONS
- AVAILABLE ON 24HE OR 40RU FRAME
- FULLY BROADBAND SOLID STATE AMPLIFIERS
- MFN, SFN OPERATION
- REMOTE CONTROL/MONITORING VIA SNMP/WEB
- DIGITAL ADAPTIVE PRECORRECTION AVAILABLE
- INTERNAL GPS RECEIVER AVAILABLE AS OPTION
- EFFICIENT LOW NOISE FORCED AIR COOLING
- USER-FRIENDLY TOUCH SCREEN DISPLAY
- EASY INSTALLATION, STARTUP AND MAINTENANCE

Website: www.kingsdream.it - Email: v.piazzai@kingsdream.it**GENERAL SPECIFICATIONS**

FREQUENCY RANGE	UHF BIV-V (470 – 860 MHz)
OPERATING VOLTAGE	3X400VAC±15%, 50/60HZ
POWER FACTOR	> 0.95
OPERATING TEMPERATURE	-5°C to 45°C
HUMIDITY	95% NON CONDENSING
INSTALLATION HEIGHT	UP TO 3000mt ASML
OUTPUT RF CONNECTOR	EIA 7/8" TYPE
VSWR	1.4

RF SPECIFICATIONS

MAX RF OUTPUT POWER	1200Wrms
TRANSMISSION STANDARDS	DVB-T2: EN302755, TS102831, TS102773 (T2-MI)
TRANSMISSION MODES	MFN, SFN-SISO, SFN-MISO
MODULATION MODES	Syst. A, Syst. B MONO & HYBRID, Multi PLP
CONSTELLATION	QPSK, 16QAM, 64QA, . 256QAM (normal or rotated)
FFT	1k, 2k, 4k, 8k, 16k, 332k and extended modes
GUARD INTERVALS	1/128, 1/32, 1/16, 19/256, 1/8, 19/128, 1/4
FEC	1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 1/3, 2/5 (T2-Lite)
ASI STREAM INTERFACE	2x ASI INPUT – 2x BNC 75ohm seamless switching
MER	≥ 32dB
SHOULDERS	≥ 36dB (before output filter)

REMOTE CONTROL AND MONITORING SYSTEM

ETHERNET, WER SERVER AND SNMP	AVAILABLE AS OPTION
-------------------------------	---------------------

AVAILABLE OPTIONS

DUAL EXCITER
OUTPUT BANDPASS FILTER