

مشخصات فنی فرستنده های او ۲ و ۳ کیلو وات

Specification	DVB-T/T2	ATSC
Output Power	700W – 5.6kW	700W – 5.6kW
Output Frequency	470 - 862 (Band IV/V)	
Output Impedance	50Ω	
Input	ASI x 2 (in pairs, prepared for hierarchical)	SMPTE310 x 2
Power Supply Voltage	380/400/415 V, 3-phase, 4-wire	
Voltage Fluctuation	-15%, +10%	
Power Supply Frequency	50/60Hz ±2%	
Ambient Temperature Range	Indoors: 0°C to +45°C	
Operational Temperature	Outdoors: 0°C to +45°C or -30°C to +40°C (using antifreeze and 3-way valve system)	
Relative Humidity	90% (no condensation)	

Standard Performance	DVB-T/T2	ATSC
Frequency Stability	$< \pm 1 \times 10^{-7}$ /year (internal reference use) (it is also possible to lock an external 10MHz reference)	
Amplitude-frequency Response	$< \pm 0.5$ dB (excluding BPF)	
Bandwidth	6MHz, 7MHz, 8MHz	6MHz
Intermediation Products	< -38 dB (excluding BPF)	< -36 dB
MER(Modulation Error Ratio)	> 34 dB (excluding BPF)	-
SNR(Signal to Noise Ratio)	-	> 27 dB
Spurious Emission	< -60 dBc (including BPF)	Meet FCC Emission Mask with Output Filter
Pilot Carrier Phase Noise	-	-104 dBc/Hz @ 20 kHz offset