# 300W UHF AMPLIFIER



300W UHF Power Amplifier – High-Performance RF Amplifier from UMT LLC for 470–862 MHz in T2 systems and TV applications

| General | |
|---|---|
| Frequency range, MHz | 470-862 |
| Output power, W, max | 300 rms |
| Channel bandwidth, MHz | 5, 6, 7, 8 |
| Gain flatness in channel bandwidth, dB | ± 0.1 |
| Typical MER, dB | > 30 |
| Shoulders distance, dB | < -38 |
| Frequency stability, not more | $5\times10^{-8}$ |
| Input interface | SMA-type |
| Output interface | DIN 7/16 |
| Input/output impedance, Ohm | 50 |
| Output test interface | SMA-type |
| **Modulation** | |

| | |
|---|---|
| Standard | DVB-T/T2 |
| FFT size | 2K, 4K, 8K, 16K, 32K |
| Guard interval | 1/128, 1/32, 1/16, 19/256, 1/4 |
| Code rate | 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 7/8 |
| Constellation | QPSK, 16-QAM, 64-QAM, 256-QAM |
| **Mechanical** | |
| Size, mm, not more | 400x480x90 |
| Weight, kg, not more | 12 |
| **Control & Cooling system** | |
| Control system | Display & WEB control |
| Cooling system | Air cooled |
| **Power supply** | |
| Voltage, V | 220 ±25% @ 50-60Hz |
| Power consumption, W | 1035 |

Taking into consideration that we (UMT LLC) are developer and system integrator, also do not stop on our technical growth and improvement, know that view of all our devices and equipment including their technical parameters may be different from pictures presented on website and parameters listed on each device webpage.

**Note!** All details customer has to confirm in advance during ordering and before payment. Those parameters that were not specified and / or were not agreed while ordering will be implemented as basic at the discretion of the manufacturer. Each our customer has 1.5 year warranty and 7 year aftersales support for whole range of our products.