

500W DTV Transmitter

YXHT-DTV500W



Features:

Supported Standards DVB-T,DVB-T2,DVB-H,DTMB,ATSC,ISDB-T

All solid-state digital TV transmitter, bandwidth is 6-8MHZ.

Pre-distortion correction, dual-exciter switch automatically.

High Linearity LDMOS Power Amplifier, high-gain power amplifier module, parallel switching power supply, it is a high-efficiency transmitter.

Telemetry and remote control by computer, web-based interface and software

Good man-machine interface, full automatic switch the machine with one key.

Multi protection (over voltage, over current, overheating, large standing-wave ratio ...)high reliability, 24 hours continuous works.

Technical Specifications:

1. Working frequency: UHF 13-48 channel arbitrary choice
2. Channel bandwidth: 8MHz
3. Output power: 500W
4. Output impedance: 50Ω
5. Output interface: Φ40
6. Output load return loss:Normal operation: -32dB, Allowed operation: -20dB
7. Power input level: 0dBm
8. Amplifier input impedance: 50Ω
9. Amplifier input interface: L16
10. Useless transmission: ≤-60dB
11. Band fluctuations:±0.5dB
12. Band shoulder: better than 36dB
13. MER: better than 30dB
14. Size: 4U, 19-inch standard
15. Weight: 45KG