

ZHC518D-50W Digital TV Transmitter



50W Digital TV Transmitter:
Digital TV Territorial Broadcast Transmitter; VHF/UHF;
Professional and Intelligent Design; High reliability; low price.

Features:

- All solid-state digital TV transmitter, bandwidth is 8MHZ.
- Pre-distortion correction, dual-exciters 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:

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| 1. Working frequency: | VHF/UHF |
| 2. Channel bandwidth: | 8MHz |
| 3. Output power: | 50W |
| 4. Output impedance: | 50Ω |
| 5. Output interface: | N |
| 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: | N |

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|--------------------------|---------------------|
| 10.Useless transmission: | $\leq -60\text{dB}$ |
| 11.Band fluctuations: | $\pm 0.5\text{dB}$ |
| 12.Band shoulder: | better than 36dB |
| 13.MER: | better than 30dB |
| 14.Size: | 390mm×570mm×820mm |
| 15.Weight: | 45KG |