

TRO-15W-1 & TRO-50W-1

Single Channel Outdoor Transmitters – 15W & 50W

ISDB-TB Digital Terrestrial Television - Preliminary Spec

Anywave's Outdoor Digital Television Broadcast Transmitters complies with the ISDB-TB Brazilian ABNT DTTV transmission standard with variants available for operation in ATSC, DVB-T, DVB-T2 & CTTB/CMMB standards.

These Outdoor Transmitters allow easy external installation, mounted attached to the side of towers or poles, or walls.

TRO Series is configurable in Transmitter mode or Gap Filler mode.

The transmitter includes amplifier, exciter, GPS receiver, stream processing, channel filter and optional integrated SAT (DVB-S2) or UHF receivers.

This Series supports remote monitoring and controlling interfaces such as web browser and SNMP.

Main Specifications:

- RF Output Power:
 - Model TRO-15W-1 - 15W at the output of the channel filter;
 - Model TRO-50W-1 - 50W at the output of the channel filter
- Available with 6 & 8 pole channel filter alternatives
- Mains Voltage: 90 to 260VAC / 47 ~ 63Hz;
- Optional 48VDC input power
- Automatic Adaptive Pre-Correction processing;
- Support to SFN operation, with embedded GPS receiver;
- ISDB-TB Stream processing: Remux, Decompressor, BTS Gateway;
- Optional SAT (DVB-S2) or UHF integrated receivers
- Hugged Weatherproof Enclosure;
- Configuration through Web Browser;
- SNMP Monitoring.

Connectors:

- RF OUT: Type N female 50Ω;
- LAN: RJ45;
- SAT: Type N female 75Ω;
- GPS: SMA female 50Ω;
- ASI IN: SMA female 75Ω;
- AC: 4-core aviation power supply.

Representante da Anywave no Brasil - PHASE Engenharia Ind. e Com. Ltda.

Av. Olegário Maciel 231, Lojas 101 a 105 - Barra da Tijuca, CEP 22 621 200, Rio de Janeiro, RJ. Tel +55.21.2493.0125 & +55.21.99499.8335
Av. Ibirapuera 2.907, Conj. B307 - Torre C, Indianópolis, CEP 04029-200, São Paulo-SP – Tel +55 11 3589-0125 & +55.11.97358-7352
phase@phase.com.br - www.phase.com.br

Dimensions:
365mm x 300 mm x 340mm



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