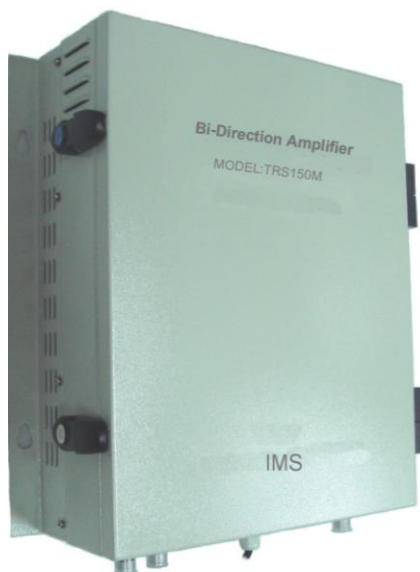


VHF Bi-Direction Amplifier

MODEL : TRS150-33



Case and color change out of notice



FE

- Automatic Gain Control
- Automatic Level Control
- Easy to install and maintenance
- Compact size
- Waterproof IP65
- Light weight
- Low power consumption
- Lightning arrester Grounding
- Monitor sensor and RS-232 port
- Tx/Rx/Power alarm
- LED display
- Dry contact point out
- Built-in Arrester
- Rx noise adjustment
- AC 90-240V auto switch

ITEM	SPECIFICATION
Frequency Range	134-174 MHz
Bandwidth	Tx / Rx ≥ 6 MHz
Gain	> 80 dB
Output power Down Link Tx	> 33 dBm at 1Channel -
Up Link Rx	> 33 dBm at 1Channel
U/L.D/L Gain Adjustable Range	≥ 30 dB by 1dB Step
Automatic Gain control	30dB
IP3 at Tx Rx	Rx: ≥ 46 dBm Tx: ≥ 49 dBm
Spurious Emission	≤ -37 dBm(9kHz ~ 1GHz) -90 dBc (> 3 GHz)
Inter modulation	≤ -37 dBm(9kHz ~ 1GHz)
Return Loss (VSWR)	≥ 16 dB ($< 1.4:1$)
RF Flatness	± 0.2 dB
1dB compress point	≥ 34 dBm
Noise Figure	≤ 5 dB
Impedance	50Ω
Weight	≤ 20 Kg
I/O Connector	N-F Type connector
Operating Temperature	$-30 \sim +60^\circ\text{C}$
Waterproof	IP56