

PHS 1900MHz TM-AR-1900T Series Trunk Amplifier

Features

- High gain linear power amplifier technique, excellent intermodulation and spurious emissions
- Advanced receiving sensitivity of base station (15~20dB)
- Adopt digital control attenuator, gain is adjustable
- Added line amplifier to balance uplink and downlink to perfect coverage
- Widely used for various PHS base station
- Function: Applicable to PHS indoor coverage system



It is used in PHS indoor coverage which is repeating and amplifying Multi-channel signals from the small base station of cellular system. Greatly improves cell phone performance while in building, eliminating problems such as unstable reception, unclear vocal quality, difficulty accessing calls and even calls being disconnected.

Specification and Technical Information

Item Number		TM-AR-1900T-500
Freq Range		1900-1915MHz
Gain	Uplink	10-30dB
	Downlink	10-30dB
Ripple in band		Max +0.5dB
AGC control range		Min 10dB
AGC adjustment step		Min 10dB
AGC adjustment step		Min 20dB/step 1dB
Output Power range	Uplink	-
	Downlink	23-37(Uplink)
Noise Figure		Max 3dB (uplink)
VSWR		Max 1.3
Spurious Emission	9KHz-1GHz	Max -36dBm
	1-12.75GHz	Max -30dBm(1.9-1.915GHz except)
Input/Output Impedance		50 ohm
Connector		N-F
Power Type		AC220V / 50Hz
Environmental Temperature		-30 - +60 degree C
Relative Humidity		Max 95%
Dimension		300x220x110