

PHS 1900MHz TM-AR-1900L Series Line Amplifier

Features

- High gain linear power amplifier technique, excellent intermodulation and spurious emissions
- Effectively improved balance between uplink and downlink
- Adopt digital control attenuator, gain is adjustable
- 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-1900L-500
Freq Range		1900-1915MHz
Gain	Uplink	12-25dB
	Downlink	12-25dB
Ripple in band		Max +/- 0.5dB
AGC control range		Min 10dB
AGC adjustment step		Min 10dB
AGC adjustment step		Min 20dB (1dB step)
Output Power range	Uplink	Max -10dBm
	Downlink	Min 27dBm
Noise Figure		Max 3dB (uplink)
VSWR		Max 1.4
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		DC12V, 250mA
Environmental Temperature		-30 - +60 degree C
Relative Humidity		Max 95%
Dimension		180x170x80