



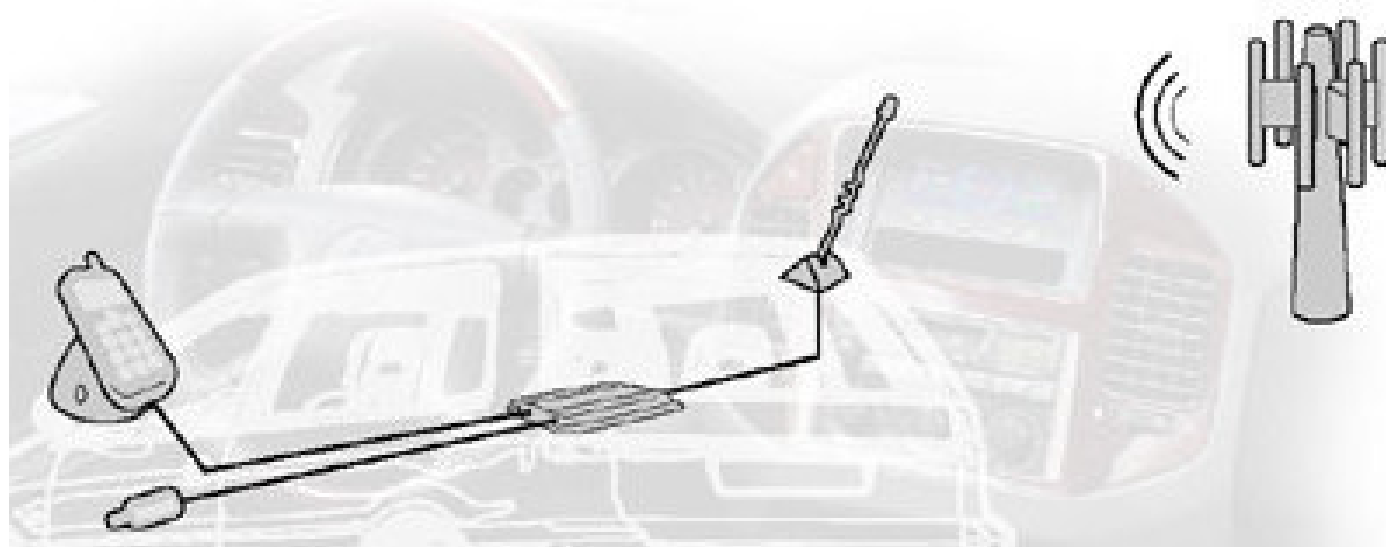
APM CO., LTD

iDEN/CDMA/GSM/PCS/Car Amplifier

Vehicle 20 series

Features

- Extend cell phone communication range when driving
- No radiation power from cell phone, helpful for human health
- Extend lifespan of cell phone battery
- Built-in AGC, free of interference, no crash sound
- Reverse V.S.W.R. protected circuit
- 4 systems in 1 booster [CDMA, TDMA, GSM 850, Analog in CDMA model.], PCS bypass [option]





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Specifications

ELECTRICAL PART

Model No.		CI 20	CC 20	CG 20	CP 20
Cell Phone System		iDEN	CDMA	GSM	PCS
Frequency	Uplink	806-824 MHz	824-849 MHz	890-915 MHz	1850-1910 MHz
Range	Downlink	851-869 MHz	869-894 MHz	935-960 MHz	1930-1990 MHz
Bandwidth		18 MHz	25 MHz	25 MHz	60 MHz
Gain		Uplink 15dB / Downlink 15dB [nom]			
Gain Variation Over		± 3dB			
Freq. and Temp.					
Noise Figure		6.0dB			
RF Power Output		Uplink 3W / Downlink 1.0mW			
Power Supply		12.6VDC Car Battery via Cigarette Jack or Tip Wire			
Power consumption		10W			
AGC Range		15 dB			

MECHANICAL PART

Size Dimensions		3.3 * 10.6 * 14.5 cm [H*W*D] ; 1.3 * 4.2 * 5.7 in			
RF Connector		Outdoor ANT side : FME [M] ; Indoor ANT side : TNC [F]			
Weight		0.5 kg [approx]			
Case		Alley aluminum			
Installation		In the car trunk or under the seat			
Accessories		3m Cigar jack power cord or tip wire; RG58 coaxial cable			
Fastening		4 screw holes			