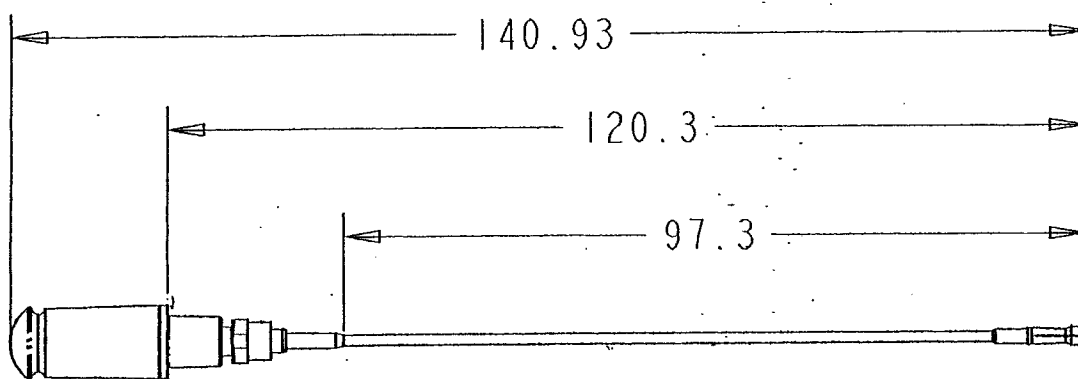


NEC TDMA Hand Held Phones

SPECIFICATIONS

Frequency Range		
Cellular Transmitter		824.04 – 848.97 MHz
Cellular Receiver		869.04 – 893.97 MHz
PCS Transmitter		1850.01 – 1909.99 MHz
PCS Receiver		1930.05 – 1989.95 MHz
Number of Channels		
AMPS		832
TDMA Cellular		832
TDMA PCS		1999
Vocoder		IS-64 1 (EFR)
RF Power Output		
AMPS		540mW Maximum ERP 6.0mW minimum ERP
TDMA		6 different power levels in 4dB steps.
		510mW Maximum ERP 380mW Maximum EIRP 6 different power level in 4 dB steps and 3 different power level in 5 dB steps
Receiver Sensitivity		
AMPS		-116 dBm / 30kHz
TDMA		-110 dBm / 30kHz
Channel Spacing		
AMPS		30 kHz
TDMA		30 kHz
Operating Voltage		3.7V (Internal Battery) Up to 5.5V (battery terminals)
Modulation		
Analog		FM
Digital		$\pi/4$ DQPSK
Modulation Data Rate		48.6kbps
Data Structure		TDMA



REV	DESCRIPTION	DATE
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*** PROJ CONTROL NO	ENGR.	DATE	FINISH			NEC NEC America, INC. Wireless Engineering Division 1655 W. Walnut Hill Ln, Irving, TX 75038	DRAWING DESCRIPTION		
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	CHKR.	DATE	MATERIAL						
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	APR.	DATE	ITEM #						
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	APR.	DATE				WED Confidential, Copyright NEC America, INC. 1998 Proprietary Information; All rights reserved	SHEET	DRAWING NUMBER	REV.
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