

# Paladin Tools®

## Butt Set

### Function:

- Portable handset for installers, repair technicians and other authorized personnel to use for line testing and temporary communications.

**New**



### Features and Benefits:

- Phone line powered eliminates need for external power source
- Provides DTMF (touch tone) and dial pulse output
- Talk, ring and monitor modes
- High impedance monitor mode does not interfere with data, conversation or signaling
- LED identifies polarity
- Last number redial
- Memory storage for 10 frequently dialed numbers
- Water resistant housing
- Field replaceable spring-loaded belt clip
- Field replaceable line cord

Ordering/Description

Part No.

Butt Set

1780

**Paladin Tools®**

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DS1780 02-08 TMS

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## Specifications: \*

<b>Loop Limit</b>	4K ohms at 48VDC (5K meters – 26GA Non-loaded) nominal 15mA minimum loop current
<b>DC Resistor</b>	150 ohms typical at 80mA current
<b>Monitor Impedance</b>	Low impedance – 600 ohms typical at 1Khz (Ring position) High impedance – 100K ohms typical at 1Khz (Monitor position)
<b>Rotary Dial Output</b>	
Pulsing Rate	10 +/- 0.5 pulses/second
Percent Break	60% +/- 2%
Inter-digital Pause	8.5ms typical
Leakage During Break	>50K ohms
<b>DTMF Output</b>	
Tone Frequency Error	+/- 1.5%
Level of Tone Pair	+ 2 dBm maximum; -8dBm minimum
Low vs. High Tone Difference	-4 dBm maximum
<b>Dimensions</b>	
Length	8.8" (22.4 cm)
Width	2.8" (7.12 cm)
Height	2.75" (7 cm)
Weight	13.4 oz. (380 g)

\*Subject to change without notice.



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