









#### **CONTENTS**

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## UTILIGUARD® ACCESSORIES



#### **TELEPHONE LEAD ADAPTER**

PART NUMBER

DESCRIPTION

220-373

Connects to telecom lines without disconnecting service.



#### **BROADBAND CLAMP**

PART NUMBER

DESCRIPTION

Induces full range of frequencies (256Hz-83kHz), including low frequencies to isolate target lines.



#### **CARRY CASES**

PART NUMBER	DESCRIPTION
220-2329	Soft Case: Carries the receiver, transmitter and other accessories.
222-5574	Hard Case: EVA thermal-formed hard case carries the receiver, transmitter and other accessories.



PART NUMBER	DESCRIPTION
Induces signals onto	o utilities when clamped
around utility. Capal	ble of frequencies from
8kHz-200kHz.	

220-2331 5" Clamp Assembly 220-2332 7" Clamp Assembly



#### **DIRECT CONNECT CABLE**

PART NUMBER	DESCRIPTION
222-3808	12V Adapter Cable Assembly: Powers the 12 watt transmitter from the vehicle lighter plug.
222-3815	Direct Connect Cable: Connects to the target utility and grounds the transmitter.
222-4863	Dual Output Cable: Connects to two utilities. Use the receiver/transmitter communication to switch between utilities (Advanced System only).



#### TRANSMITTER STRAP

PART NUMBER

DESCRIPTION

222-4232

Replacement carry strap for transmitter.



PART NUMBER

**DESCRIPTION** 

222-4513

Protects the receiver from paint and abrasion.



PART NUMBER DESCRIPTION

222-4413

Grounds the transmitter at the connection point using direct connect cables.

#### **TRANSMITTER TOOL BAG**

PART NUMBER

DESCRIPTION

220-2330

Protects the transmitter and carries accessories and tools.



#### **CLAMP ADAPTER**

PART NUMBER	DESCRIPTION
222-4573	Transmitter to 6-Pin Clamp Adapter: Adapts UtiliGuard clamp to 900 Series plug for clamps.
222-4572	6-Pin Transmitter to UtiliGuard Clamp Adapter: Adapts 900 Series plug to

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## UTILIGUARD® ACCESSORIES CONT'D.





#### **MAGNET**

PART NUMBER

DESCRIPTION

220-2370

Direct connects to large steel pipes when pipe is too large for direct connect cable clamps.



#### **LIVE POWER ADAPTER**

PART NUMBER

DESCRIPTION

220-2306

Used by technicians qualified to work on live power conductors with less than 480 Volts.





#### **EML BOOT**

PART NUMBER	DESCRIPTION
220-2489	Finds electromagnetic markers buried with utilities.
220-2493	EUROPEAN; Finds electromagnetic markers buried with utilities



#### **CLAMP EXTENSION**

PART NUMBER

DESCRIPTION

Extends the cable on the 222-4743 clamp an additional 10'.



PART NUMBER

**DESCRIPTION** 

220-2491

Pinpoints cables in a bundle of conduits.



#### **CONNECTOR ADAPTER**

PART NUMBER	DESCRIPTION
222-5253	New style receiver accessory plug to old style accessory plug
222-5254	New style accessory plug to old style reciever plug.



PART NUMBER

220-2492

Pinpoints cables in a bundle of conduits.



#### **BLUETOOTH®**

DESCRIPTION PART NUMBER

Connects standard GPS devices to the receiver with Bluetooth and the advanced receiver. (Note: Especially on GPS devices running Windows Mobile")

220-2543 New Connector Bluetooth Accessory, V2. 220-2544 Old Connector Bluetooth Accessory, V1.



#### **BATTERY KIT**

PART NUMBER DESCRIPTION

220-2310 Lithium Battery Kit, North America. SUBSITE® ELECTRONICS
SUBSITE.COM

## 830R/Taccessories





#### **CARRY BAG**

PART NUMBER

DESCRIPTION

220-2383

Soft Case: Carries the receiver, transmitter and other accessories.

#### **GROUNDING PIN**

PART NUMBER DESCRIPTION
Grounds the

220-131

transmitter at
the connection
point using direct
connect cables.



## TELEPHONE LEAD ADAPTER

PART NUMBER

DESCRIPTION

220-373 Connects to telecom lines without disconnecting service.



### DIRECT CONNECT CABLE

PART NUMBER 220-192

DESCRIPTION

Direct Connect Cable



250R/Taccessories

#### **CARRY BAG**

PART NUMBER

DESCRIPTION

220-2383

Soft Case: Carries the receiver, transmitter and other accessories



#### **DIRECT CONNECT CABLE**

PART NUMBER DESCRIPTION Connects to the target utility and grounds the transmitter.

Straight Direct 222-132 Connect Cables

Coiled Direct 220-488 Connect Cables



#### **GROUNDING PIN**

PART NUMBER DESCRIPTION

220-131

Grounds the transmitter at the connection point using direct





PART NUMBER

DESCRIPTION

220-497

Direct Connect Cables with a telecom lead.





7" Clamp Assembly, 6 Pin

220-487

## 250R/Taccessories cont'd.



PART NUMBER

DESCRIPTION

220-373

Connects to telecom lines without disconnecting service.





#### **FERRULE ADAPTER ASSEMBLY KIT**

PART NUMBER

DESCRIPTION

220-1108

(Kit includes: Flexible adapter, 1.5" plastic pipe, 3/16" push rod adapter, 1/4" push rod adapter, 1/8" push rod adapter, pull-back adapter and epoxy)



## 150R/Taccessories

### **CARRY BAG**

PART NUMBER

DESCRIPTION

222-1193

Soft case carries the receiver, transmitter and other accessories.







#### **TELEPHONE LEAD ADAPTER**

PART NUMBER

DESCRIPTION

Connects to telecom lines without disconnecting service.



#### **GROUNDING PIN**

PART NUMBER

220-131

DESCRIPTION Grounds the transmitter at the connection

point using direct connect cables.



#### **DIRECT CONNECT CABLE**

DESCRIPTION



## 2450GR/2550GR ACCESSORIES

## **GPS MOUNT** PART NUMBER DESCRIPTION Mounts GPS device to 222-6507 the GR cart.

## 900 SERIES ACCESSORIES

#### **CONNECTOR REPAIR KIT**

PART NUMBER

Repairs broken direct connect and clamp cables.



#### **INDUCTION CLAMP**

PART NUMBER DESCRIPTION

Induces signals onto utilities when clamped around utility. Capable of frequencies from 8kHz-200kHz.

Capabic of inequalities from the Laboration		
220-483	3" Clamp Assembly	
220-485	5" Clamp Assembly	
220-487	7" Clamp Assembly	





#### **CARRY BAG**

PART NUMBER

DESCRIPTION

220-2383

Soft case carries the receiver, transmitter and other accessories



#### **LIVE POWER ADAPTER**

PART NUMBER

220-566

DESCRIPTION Used by certified Power Technicians to connect

to wires with less than



#### **TELEPHONE LEAD ADAPTER**

PART NUMBER

DESCRIPTION

Connects to telecom lines without disconnecting

220-373 service.



#### **DIRECT CONNECT** (TELECOM)

220-497

Used by certified Power Technicians to connect to wires with less than 480 Volts.



#### **DIRECT CONNECT** (STRAIGHT)

Connects to the target utility and grounds the



#### **DIRECT CONNECT** (COILED)

DESCRIPTION

Connects to the target utility and grounds the transmitter.

## **LOCATING** BEACONS

#### 11B BEACON



PART NUMBER	DESCRIPTION
221-150	Coupler spring
107-201	Stud for 11B
Replacement spring	and stud for 11B beacon.

90° turns in 2" pipe. Straight runs in plastic pipe. Range Air – 15 ft

#### 910B BEACON



PART NUMBER	DESCRIPTION
102-225	90° turns in 3" pipe. Straight runs in 2" plastic or cast-iron pipe.
221-150	Sewer beacon coupler spring.

Range Air - 15 ft Range Cast – 10 ft

#### **BI BEACON**



PART NUMBER	DESCRIPTION
102-239	Bi – 29kHz
102-091	Bi – 33kHz
Used with Hammerh	nead® MOLETRAC®
Range Air – 15 ft	





#### **FERRULE ADAPTER ASSEMBLY KIT**

PART NUMBER	DESCRIPTION
220-1108	(Kit includes: Flexible adapter, 1.5" plastic pipe, 3/16" push rod adapter, 1/4" push rod adapter, 1/8" push rod adapter, pull-back adapter and epoxy)

#### **BATTERY CAP**

PART NUMBER	DESCRIPTION
220-2032	BWL 3/8 cap
220-2033	BC/BW 3/8 cap
220-2031	BCL 3/8 cap
220-1040	BC/BW cap
220-1117	BCL cap
220-1076	BWL cap
220-2307	M6 BW cap
220-2308	M6 BCL cap
220-2309	M6 BWL cap











**150BW BEACON** 

PART NUMBER	DESCRIPTION
102-1006	640Hz
102-1017	512Hz
90° turns in 1.5" pip	e. Straight runs in 1" plastic or cast-iron pipe.

Range Air - 12 ft Range Cast – 6 ft



#### **150BWL BEACON**

PART NUMBER	DESCRIPTION
102-1298	Long Range Beacon 640Hz
102-1299	Long Range Beacon 512Hz
Straight runs in 1" p	lastic or cast-iron pipe.
Range Air – 30 ft	
Range Cast - 20 ft	

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## QUICK REFERENCE

#### UTILIGUARD® ACCESSORIES 830R/TACCESSORIES

PART NUMBER	DESCRIPTION
220-2310	Battery Kit (Lithium, North America)
220-2544	Bluetooth Accessory (V1, Old Connector)
220-2543	Bluetooth® Accessory (V2, New Connector)
222-5574	Carry Case (Hard)
220-2329	Carry Case (Soft)
222-5208	Clamp (Broadband)
220-2331	5" Clamp (Induction)
220-2332	7" Clamp (Induction)
222-4572	Clamp Adapter (6 Pin Transmitter to UtiliGuard Clamp Adapter)
222-4573	Clamp Adapter (Transmitter to 6 Pin)
222-4743	Clamp Extension Cable
222-5254	Connector Adaptor (Female Lock to Female Thread)
222-5253	Connector Adaptor (Male Thread to Male Lock)
222-3808	Direct Connect Cable (12V Adapter Cable Assembly)
222-4863	Direct Connect Cable (Dual Output Cable)
222-3815	Direct Connect Cable (Standard)
220-2489	EML Boot
220-2493	EML Boot (European)
220-2543	Fault Probe Assembly
222-4857	Fault Probe Carry Case (Soft)
222-4413	Grounding Stake
220-2306	Live Power Adapter
220-2370	Magnet
220-2491	Receiver Clamp
222-4513	Receiver Sleeve
220-2492	Receiver Stethoscope
220-373	Telephone Lead Adapter (Alligator Clip)
222-4232	Transmitter Strap
220-2330	Transmitter Tool Bag

PART NUMBER	DESCRIPTION
222-2924	Boot (Receiver Antenna Cover, Rubber)
222-3070	Boot (Transmitter Antenna Cover, Rubber)
220-2383	Carry Bag (Soft)
220-339	3" Clamp (Induction)
220-292	5" Clamp (Induction)
220-455	7" Clamp (Induction)
220-383	Clamp Extension Cable
220-131	Grounding Pin
220-373	Telephone Lead Adapter (Alligator Clip)
220-192	Direct Connect Cable

#### 250R/Taccessories

PART NUMBER	DESCRIPTION
102-1297	Beacon (150BCL, 33kHz)
102-091	Beacon (BI, 33kHz, for use with Hammerhead® MOLETRAC®)
102-1029	Beacon (Conduit, 150BC 33kHz)
220-2383	Carry Bag (Soft)
220-483	3" Clamp (Induction, 6 Pin)
220-485	5" Clamp (Induction, 6 Pin)
220-487	7" Clamp (Induction, 6 Pin)
220-497	Direct Connect (Telecom)
220-488	Direct Connect Cable (Coiled)
222-132	Direct Connect Cable (Straight)
220-1108	Ferrule Adapter Assembly Kit
220-131	Grounding Pin
220-566	Live Power Adapter
220-373	Telephone Lead Adapter (Alligator Clip)

#### 150R/Taccessories

PART NUMBER	DESCRIPTION
222-1193	Carry Bag (Soft)
220-339	3" Clamp (Induction)
220-292	5" Clamp (Induction)
220-455	7" Clamp (Induction)
220-383	Clamp Extension Cable
220-192	Direct Connect Cable
220-131	Grounding Pin
220-373	Telephone Lead Adapter (Alligator Clip)

#### 900 SERIES ACCESSORIES

PART NUMBER	DESCRIPTION	
220-2383	Carry Bag (Soft)	
220-483	3" Clamp (Induction)	
220-485	5" Clamp (Induction)	
220-487	7" Clamp (Induction)	
220-544	Connector Repair Kit	
220-488	Direct Connect (Coiled)	
222-132	Direct Connect (Straight)	
220-497	Direct Connect (Telecom)	
220-566	Live Power Adapter	_
220-373	Telephone Lead Adapter (Alligator Clip)	_



#### 2450GR & 2550GR ACCESSORIES

#### **LOCATING BEACONS** ACCESSORIES

ART NUMBER	DESCRIPTION	
1B		
21-150	Coupler Spring	
07-201	Stud for 11B	
10		
02-225	512Hz Base Unit	
21-150	Sewer Beacon Coupler Spring	
50BC		
02-1013	29kHz Conduit	
02-1029	33kHz Conduit	
50BCL		
02-1304	29kHz Conduit Long	
02-1305	33kHz Conduit Long	
I		
02-239	Bi – 29kHz	
02-091	Bi – 33kHz	
50BW		
02-1006	640Hz	
02-1017	512Hz	
50BW		
02-1299	512Hz, Long Range	
errule Adapter Asse	mbly Kit	
20-1108	Flexible Adapter, 3/16" Push Rod Adapter, 1/4" Push Rod Adapter, 1/8" Push Rod Adapter, Pull-Back Adapter, Epoxy	
attery Cap Assembly		
20-2628	150BC/BW Coupler Spring Adapter Kit	
20-2629	150BCL Coupler Spring Adapter Kit	
20-2630	150BWL Coupler Spring Adapter Kit	
20-1040	BC/BW Cap	
20-2033	BC/BW 3/8 Cap	
20-1117	BCL Cap	
20-2031	BCL 3/8 Cap	
20-1076	BWL Cap	
20-2032	BWL 3/8 Cap	
20-2308	M6 BCL Cap	
20-2307	M6 BW Cap	
20-2309	M6 BWL Cap	



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## STAY IN TOUCH.

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