WS50 WEARABLE COMPUTER ACCESSORIES GUIDE

ZEBRA

Revised Dec 12, 2023

WS50 Scan Assembly

Deflector for impact protection

WS50 Core with two-inch color AMOLED touch display and SE4770 scan engine

Battery 1300mAh

Replaceable Protective Shell with two programable buttons

Comfort Pad

Scan Trigger: replaceable, remove and rotate trigger for left/right hand use

Finger Strap

Finger Pad

WS50 Camera Assembly

WS50 Core with two-inch color AMOLED touch display and 13 megapixel camera

Battery 800mAh

Replaceable Protective Shell with four programable buttons

Wrist Mount

Wrist Strap: Large and Small (Must be purchased separately)

WS50 Core with two-inch color AMOLED touch display and SE4770 scan engine

RFID module with upward antenna

Deflector for impact protection

Battery 2400mAh

Replaceable Protective Shell with two programable buttons

Scan Trigger: replaceable, remove and rotate trigger for left/right hand use

Finger Strap

Spare 1300mAh Li-ion Battery

BTRY-WS5X-13MA-01

PowerPrecision Spare Lithium-Ion battery, 1300mAh, for WS50 Scan

WS50 Scan, Four Slot Spare Battery Charger

SAC-WS5X-4S13-01: WS50 Scan four slot spare battery charger, charges four 1300mAh batteries. LEDs on the cradle indicate charge status of each battery.

Power supply for single cradle

PWR-BGA12V50W0WW

Level VI AC/DC Power Supply
AC Input: 100-240V, 2.4A
DC Output: 12V, 4.16A, 50W
Requires: DC line cord and Country specific grounded AC line cord.

CBL-DC-388A1-01

DC Line Cord for running the single slot cradles or battery chargers from a single Level VI power supply PWR-BGA12V50W0WW

23844-00-00R

US AC line cord, 7.5 feet long, grounded, three wire for power supplies.

Charging LED indicators

Off	**Battery not charging**
Solid Amber	**Healthy battery charging**
Solid Green	**Healthy battery charging complete**
Fast Blink Red	**Charging error**
Solid Red	**Unhealthy battery**

Spare 800mAh Li-ion Battery

BTRY-WS5X-8MA-01

PowerPrecision Spare Lithium-Ion battery, 800mAh, for WS50 Camera

WS50 Camera, Four Slot Spare Battery Charger

SAC-WS5X-4S8-01: WS50 Camera four slot spare battery charger, charges four 800mAh batteries. LEDs on the cradle indicate charge status of each battery.

Power supply for single cradle

PWR-BGA12V50W0WW

Level VI AC/DC Power Supply
AC Input: 100-240V, 2.4A
DC Output: 12V, 4.16A, 50W
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CBL-DC-388A1-01

DC Line Cord for running the single slot cradles or battery chargers from a single Level VI power supply PWR-BGA12V50W0WW

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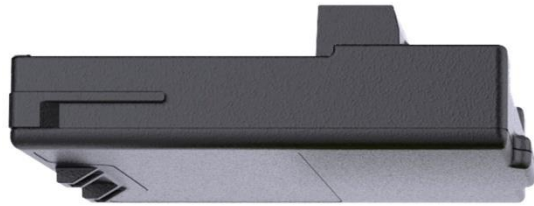US AC line cord, 7.5 feet long, grounded, three wire for power supplies.

Charging LED indicators

Off	Battery not charging
Solid Amber	Healthy battery charging
Solid Green	Healthy battery charging complete
Fast Blink Red	Charging error
Solid Red	Unhealthy battery

Spare 1300mAh Li-ion Battery

BTRY-WS5X-24MA-01

PowerPrecision Spare Lithium-Ion battery, 2400mAh, for WS50 Scan

WS50 RFID, Four Slot Spare Battery Charger

SAC-WS5X-4S24-01: WS50 RFID four slot spare battery charger, charges four 2400mAh batteries. LEDs on the cradle indicate charge status of each battery.

Power supply for single cradle

PWR-BGA12V50W0WW

Level VI AC/DC Power Supply
AC Input: 100-240V, 2.4A
DC Output: 12V, 4.16A, 50W
Requires: DC line cord and Country specific grounded AC line cord.

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Charging LED indicators

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Solid Amber	**Healthy battery charging**
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Fast Blink Red	**Charging error**
Solid Red	**Unhealthy battery**

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WS50 Scan, Two Slot Device Cradle

CRD-WS5X-2SCV-01: Two slot charge-only cradle, charges two WS50 Scan devices. LED near the top of the WS50 display indicates charge status of each device. "Stadium" positioning enables viewability of the display on the rear device while a device is placed in the front slot.

Power supply for single cradle

PWR-BGA12V50W0WW

Level VI AC/DC Power Supply
AC Input: 100-240V, 2.4A
DC Output: 12V, 4.16A, 50W
Requires: DC line cord and Country specific grounded AC line cord.

CBL-DC-388A1-01

DC Line Cord for running the single slot cradles or battery chargers from a single Level VI power supply PWR-BGA12V50W0WW

23844-00-00R

US AC line cord, 7.5 feet long, grounded, three wire for power supplies.

Charging LED indicators

Off	**Battery not charging**
Solid Amber	**Healthy battery charging**
Solid Green	**Healthy battery charging complete**
Fast Blink Red	**Charging error**
Solid Red	**Unhealthy battery**

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WS50 Camera, Two Slot Device Cradle

CRD-WS5X-2SWR-01: Two slot charge-only cradle, charges two WS50 Camera devices. LED near the top of the WS50 display indicates charge status of each device. "Stadium" positioning enables viewability of the display on the rear device while a device is placed in the front slot.

Power supply for single cradle

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Level VI AC/DC Power Supply
AC Input: 100-240V, 2.4A
DC Output: 12V, 4.16A, 50W
Requires: DC line cord and Country specific grounded AC line cord.

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US AC line cord, 7.5 feet long, grounded, three wire for power supplies.
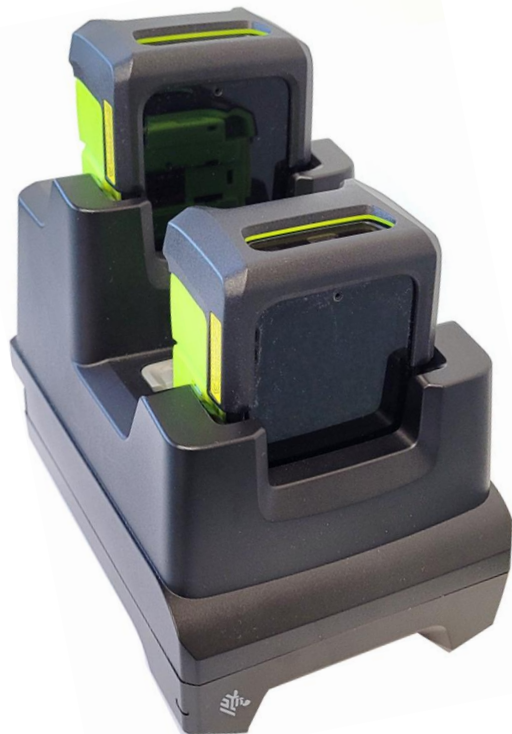
Charging LED indicators

Off	Battery not charging
Solid Amber	Healthy battery charging
Solid Green	Healthy battery charging complete
Fast Blink Red	Charging error
Solid Red	Unhealthy battery

WS50 RFID, Two Slot Device Cradle

CRD-WS5X-2SRD-01: Two slot charge-only cradle, charges two WS50 RFID devices. LED near the top of the WS50 display indicates charge status of each device. "Stadium" positioning enables viewability of the display on the rear device while a device is placed in the front slot.

Power supply for single cradle

PWR-BGA12V50W0WW

Level VI AC/DC Power Supply
AC Input: 100-240V, 2.4A
DC Output: 12V, 4.16A, 50W
Requires: DC line cord and Country specific grounded AC line cord.

CBL-DC-388A1-01

DC Line Cord for running the single slot cradles or battery chargers from a single Level VI power supply PWR-BGA12V50W0WW

23844-00-00R

US AC line cord, 7.5 feet long, grounded, three wire for power supplies.

Charging LED indicators

Off	Battery not charging
Solid Amber	Healthy battery charging
Solid Green	Healthy battery charging complete
Fast Blink Red	Charging error
Solid Red	Unhealthy battery

WS50 Scan, 10 Slot Device Cradle

CRD-WS5X-10SCV-01: Ten slot charge-only cradle, charges ten WS50 Scan devices. LED near the top of the WS50 display indicate charge status of each device.

Power supply for multi-slot cradle

PWR-BGA12V108W0WW

Level VI AC/DC Power Supply
AC Input: 100-240V, 2.8A
DC Output: 12V, 9A, 108W .

CBL-DC-381A1-01

DC Line Cord for running multi-slot cradles from a single Level VI power supply PWR-BGA12V108W0WW

23844-00-00R

US AC line cord, 7.5 feet long, grounded, three wire for power supplies.

BRKT-SCRD-SMRK-01

Rack/Wall Mounting bracket for multi-slot cradles.

Charging LED indicators

Off	Battery not charging
Solid Amber	Healthy battery charging
Solid Green	Healthy battery charging complete
Fast Blink Red	Charging error
Solid Red	Unhealthy battery

WS50 Camera, 10 Slot Device Cradle

CRD-WS5X-10SWR-01: Ten slot charge-only cradle, charges ten WS50 Camera devices. LED near the top of the WS50 display indicates charge status of each device.

Power supply for multi-slot cradle

PWR-BGA12V108W0WW

Level VI AC/DC Power Supply
AC Input: 100-240V, 2.8A
DC Output: 12V, 9A, 108W .

CBL-DC-381A1-01

DC Line Cord for running multi-slot cradles from a single Level VI power supply PWR-BGA12V108W0WW

23844-00-00R

US AC line cord, 7.5 feet long, grounded, three wire for power supplies.

BRKT-SCRD-SMRK-01

Rack/Wall Mounting bracket for multi-slot cradles.

Charging LED indicators

Off	Battery not charging
Solid Amber	Healthy battery charging
Solid Green	Healthy battery charging complete
Fast Blink Red	Charging error
Solid Red	Unhealthy battery

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WS50 RFID, 10 Slot Device Cradle

CRD-WS5X-10SRD-01: Ten slot charge-only cradle, charges ten WS50 RFID devices. LED near the top of the WS50 display indicate charge status of each device.

Power supply for multi-slot cradle

PWR-BGA12V108W0WW

Level VI AC/DC Power Supply
AC Input: 100-240V, 2.8A
DC Output: 12V, 9A, 108W .

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DC Line Cord for running multi-slot cradles from a single Level VI power supply PWR-BGA12V108W0WW

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US AC line cord, 7.5 feet long, grounded, three wire for power supplies.

BRKT-SCRD-SMRK-01

Rack/Wall Mounting bracket for multi-slot cradles.

Charging LED indicators

Off	**Battery not charging**
Solid Amber	**Healthy battery charging**
Solid Green	**Healthy battery charging complete**
Fast Blink Red	**Charging error**
Solid Red	**Unhealthy battery**

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WS50 Scan, 20 Slot Spare Battery Charger

SAC-WS5X-20S13-01: WS50 Scan twenty slot spare battery charger, charges twenty 1300mAh batteries. LEDs on the cradle indicate charge status of each battery.

Power supply for multi-slot cradle

PWR-BGA12V108W0WW
Level VI AC/DC Power Supply
AC Input: 100-240V, 2.8A
DC Output: 12V, 9A, 108W .

CBL-DC-381A1-01
DC Line Cord for running multi-slot cradles from a single Level VI power supply PWR-BGA12V108W0WW

23844-00-00R
US AC line cord, 7.5 feet long, grounded, three wire for power supplies.

BRKT-SCRD-SMRK-01
Rack/Wall Mounting bracket for multi-slot cradles.

Charging LED indicators

Off	Battery not charging
Solid Amber	Healthy battery charging
Solid Green	Healthy battery charging complete
Fast Blink Red	Charging error
Solid Red	Unhealthy battery

WS50 Camera, 20 Slot Spare Battery Charger

SAC-WS5X-20S8-01: WS50 Camera twenty slot spare battery charger, charges twenty 800mAh batteries. LEDs on the cradle indicate charge status of each battery.

Power supply for multi-slot cradle

PWR-BGA12V108W0WW

Level VI AC/DC Power Supply
AC Input: 100-240V, 2.8A
DC Output: 12V, 9A, 108W .

CBL-DC-381A1-01

DC Line Cord for running multi-slot cradles from a single Level VI power supply PWR-BGA12V108W0WW

23844-00-00R

US AC line cord, 7.5 feet long, grounded, three wire for power supplies.

BRKT-SCRD-SMRK-01

Rack/Wall Mounting bracket for multi-slot cradles.

Charging LED indicators

Off	**Battery not charging**
Solid Amber	**Healthy battery charging**
Solid Green	**Healthy battery charging complete**
Fast Blink Red	**Charging error**
Solid Red	**Unhealthy battery**

WS50 RFID, 20 Slot Spare Battery Charger

SAC-WS5X-20S24-01: WS50 RFID twenty slot spare battery charger, charges twenty 2400mAh batteries. LEDs on the cradle indicate charge status of each battery.

Power supply for multi-slot cradle

PWR-BGA12V108W0WW

Level VI AC/DC Power Supply
AC Input: 100-240V, 2.8A
DC Output: 12V, 9A, 108W .

CBL-DC-381A1-01

DC Line Cord for running multi-slot cradles from a single Level VI power supply PWR-BGA12V108W0WW

23844-00-00R

US AC line cord, 7.5 feet long, grounded, three wire for power supplies.

BRKT-SCRD-SMRK-01

Rack/Wall Mounting bracket for multi-slot cradles.

Charging LED indicators

Off	**Battery not charging**
Solid Amber	**Healthy battery charging**
Solid Green	**Healthy battery charging complete**
Fast Blink Red	**Charging error**
Solid Red	**Unhealthy battery**

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WS50 Scan, 5 Slot Ethernet Cradle with Spare Battery Charger

CRD-WS5X-5SECV-01: WS50 Scan Five Slot Ethernet Cradle with Spare Battery Charger, charges 5 WS50 Scan devices and 5 spare 1300mAh batteries.   LED near the top of the WS50 display indicate charge status of each device. LEDs on the cradle indicate charge status of each battery.

Power supply for multi-slot cradle

PWR-BGA12V108W0WW
Level VI AC/DC Power Supply
AC Input: 100-240V, 2.8A
DC Output: 12V, 9A, 108W .

CBL-DC-381A1-01
DC Line Cord for running multi-slot cradles from a single Level VI power supply PWR-BGA12V108W0WW

23844-00-00R
US AC line cord, 7.5 feet long, grounded, three wire for power supplies.

BRKT-SCRD-SMRK-01
Rack/Wall Mounting bracket for multi-slot cradles.

Charging LED indicators

Off	Battery not charging
Solid Amber	Healthy battery charging
Solid Green	Healthy battery charging complete
Fast Blink Red	Charging error
Solid Red	Unhealthy battery

WS50 Camera, 5 Slot Ethernet Cradle with Spare Battery Charger

CRD-WS5X-5SEWR-01: WS50 Camera Five Slot Ethernet Cradle with Spare Battery Charger, charges 5 WS50 Camera devices and 5 spare 800mAh batteries. LED near the top of the WS50 display indicates charge status of each device. LEDs on the cradle indicate charge status of each battery.

Power supply for multi-slot cradle

PWR-BGA12V108W0WW
Level VI AC/DC Power Supply
AC Input: 100-240V, 2.8A
DC Output: 12V, 9A, 108W .

CBL-DC-381A1-01
DC Line Cord for running multi-slot cradles from a single Level VI power supply PWR-BGA12V108W0WW

23844-00-00R
US AC line cord, 7.5 feet long, grounded, three wire for power supplies.

BRKT-SCRD-SMRK-01
Rack/Wall Mounting bracket for multi-slot cradles.

Charging LED indicators

Off	Battery not charging
Solid Amber	Healthy battery charging
Solid Green	Healthy battery charging complete
Fast Blink Red	Charging error
Solid Red	Unhealthy battery

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WS50 RFID, 5 Slot Ethernet Cradle with Spare Battery Charger

CRD-WS5X-5SERD-01: WS50 RFID Five Slot Ethernet Cradle with Spare Battery Charger, charges 5 WS50 RFID devices and 5 spare 2400mAh batteries.   LED near the top of the WS50 display indicate charge status of each device. LEDs on the cradle indicate charge status of each battery.

Power supply for multi-slot cradle

PWR-BGA12V108W0WW
Level VI AC/DC Power Supply
AC Input: 100-240V, 2.8A
DC Output: 12V, 9A, 108W .

CBL-DC-381A1-01
DC Line Cord for running multi-slot cradles from a single Level VI power supply PWR-BGA12V108W0WW

23844-00-00R
US AC line cord, 7.5 feet long, grounded, three wire for power supplies.

BRKT-SCRD-SMRK-01
Rack/Wall Mounting bracket for multi-slot cradles.

Charging LED indicators

Off	**Battery not charging**
Solid Amber	**Healthy battery charging**
Solid Green	**Healthy battery charging complete**
Fast Blink Red	**Charging error**
Solid Red	**Unhealthy battery**

WS50 charge cable snaps on to bottom of WS50 device to provide charging and client-host communications.

CBL-WS5X-USB1-01 : WS50 charge cable with USB-C female port. Cable length 6 inches / 15cm. Requires separate purchase of USB-C to USB-A cable and AC power adapter.

CBL-WS5X-USB1-02 : WS50 charge cable with Micro-USB female port. Cable length 6 inches / 15cm. Requires separate purchase of Micro-USB to USB-A cable and AC power adapter.

CBL-WS5X-USBA-01 : WS50 charge cable with Type A male connector. Cable length 4 feet / 1.2 meters

Accessories for WS50 charge cable

PWR-WUA5V12W0XX

Power Supply-100-240 VAC, 5 V, 2.5 A with country specific plugs.

CBL-TC5X-USBC2A-01

USB-C to USB-A communication and charging cable, 1M length

25-MCXUSB-01R

Micro-USB to USB-A communication and charging cable, 1.5M length

Charging LED indicators

Off	Battery not charging
Solid Amber	Healthy battery charging
Solid Green	Healthy battery charging complete
Fast Blink Red	Charging error
Solid Red	Unhealthy battery

WS50 Two Finger Trigger Mount

SG-WS5X-TRGA-01: WS50 Scan replacement trigger mount. Includes strap and finger pad.

Accessories for WS50 back of hand mount

SG-WS5X-STRP-10

Replacement finger strap for WS50 Scan,10 pack

SG-WS5X-SHLCS-01

Replacement protective shell for WS50 Scan. Two input buttons.

SG-WS5X-DFLTC-01

Replacement protective deflector for WS50 Scan. Includes mounting screws.

SG-WS5X-SCRNP1-01

Replacement screen protector for WS50 display.
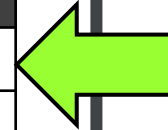
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WS50 Scan Back of Hand Mount

SG-WS5X-BHMT-01 : WS50 Scan back of hand mount. Includes mounting plate and trigger assembly. Requires separate purchase of hand wrap.

Part #	Hand / Size
SG-WEAR-HNWPRS-01	Right, small
SG-WEAR-HNWPLS-01	Left, small
SG-WEAR-HNWPRM-01	Right, medium
SG-WEAR-HNWPLM-01	Left, medium
SG-WEAR-HNWPRL-01	Right, large
SG-WEAR-HNWPLL-01	Left, large

Accessories for WS50 back of hand

SG-WEAR-HNWPXX-01
Spare Hand Wrap for WS50 Back of Hand Mount. Available in small, medium, large and left, right.

SG-WS5X-SHLCS-01
Replacement protective shell for WS50 Scan. Two input buttons.

SG-WS5X-DFLTC-01
Replacement protective deflector for WS50 Scan. Includes mounting screws.

SG-WS5X-SCRNP1-01
Replacement screen protector for WS50 display.

SG-WS5X-WSTMT-01: WS50 Camera replacement wrist mount. Strap not included, must be purchased separately.

Accessories for WS50 Camera Mount

SG-WS5X-WSTRP-01
Wrist strap for WS50 Camera, large size. Not included with WS50 Camera device, must be purchased separately.

SG-WS5X-WSTRS-01
Wrist strap for WS50 Camera, small size. Not included with WS50 Camera device, must be purchased separately.

SG-WS5X-SHLWR-01
Replacement protective shell for WS50 Camera. Four input buttons.

SG-WS5X-SCRNP1-01
Replacement screen protector for WS50 display.

WS50 Two Finger Trigger Mount

SG-WS5X-TRGA-01: WS50 RFID replacement trigger mount. Includes strap and finger pad.

Accessories for WS50 back of hand mount

SG-WS5X-STRP-10

Replacement finger strap for WS50 RFID,10 pack

SG-WS5X-SHLCS-01

Replacement protective shell for WS50 RFID. Two input buttons.

SG-WS5X-DFLTR-01

Replacement protective deflector for WS50 RFID. Includes mounting screws.

SG-WS5X-CMPDR-01

Replacement Comfort Pad for WS50 RFID Finger Mount.
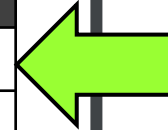
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WS50 RFID Back of Hand Mount

SG-WS5X-BHRS-01: WS50 RFID back of hand mount. Includes mounting plate and trigger assembly. Requires separate purchase of hand wrap.

Part #	Hand / Size
SG-WEAR-HNWPRS-01	Right, small
SG-WEAR-HNWPLS-01	Left, small
SG-WEAR-HNWPRM-01	Right, medium
SG-WEAR-HNWPLM-01	Left, medium
SG-WEAR-HNWPRL-01	Right, large
SG-WEAR-HNWPLL-01	Left, large

Accessories for WS50 RFID Back of Hand

SG-WEAR-HNWPXX-01
Spare Hand Wrap for WS50 Back of Hand Mount. Available in small, medium, large and left, right.

SG-WS5X-SHLCS-01
Replacement protective shell for WS50 RFID. Two input buttons.

SG-WS5X-DFLTR-01
Replacement protective deflector for WS50 RFID. Includes mounting screws.

SG-WS5X-SCRNP1-01
Replacement screen protector for WS50 display.

WS50 RFID Wrist Mount

Part #	Hand / Size
SG-WS5X-WMTRRL-01	Wrist Mount for WS50 RFID, Right Arm, Large
SG-WS5X-WMTRRS-01	Wrist Mount for WS50 RFID, Right Arm, Small
SG-WS5X-WMTRLL-01	Wrist Mount for WS50 RFID, Left Arm, Large
SG-WS5X-WMTRLS-01	Wrist Mount for WS50 RFID, Left Arm, Small

Accessories for WS50 RFID Wrist Mount

SG-WS5X-WSPLRS-01

WS50 RFID Wrist Mount Plate

SG-WS5X-SHLCS-01

Replacement protective shell for WS50 RFID. Two input buttons.

SG-WS5X-DFLTR-01

Replacement protective deflector for WS50 RFID. Includes mounting screws.

SG-WS5X-SCRNP1-01

Replacement screen protector for WS50 display.

WS50 RFID External Antenna

Part #	Hand / Size
CBL-WS5X-ANTR8S-01	WS50 UHF RFID Antenna 800MHz, 210mm Length for Wrist Mount Left Hand, EMEA
CBL-WS5X-ANTR8L-01	WS50 UHF RFID Antenna Cable, 800MHz, 240mm length for Back of Hand Mount and Wrist Mount Right Hand, EMEA
CBL-WS5X-ANTR9S-01	WS50 UHF RFID Antenna Cable, 900MHz, 210mm length for Wrist Mount Left Hand, North America and Rest of World Minus EMEA
CBL-WS5X-ANTR9L-01	WS50 UHF RFID Antenna Cable, 900MHz, 240mm length for Back of Hand Mount and Wrist Mount Right Hand, North America and Rest of World Minus EMEA

WS50 RFID External Antenna Holder for Back of Hand Mount

Part #	Hand / Size
SG-WS5X-BHAHRS-01	WS50 RFID Back of Hand Antenna Holder, Right, Small
SG-WS5X-BHAHRL-01	WS50 RFID Back of Hand Antenna Holder, Right, Large
SG-WS5X-BHAHLS-01	WS50 RFID Back of Hand Antenna Holder, Left, Small
SG-WS5X-BHAHLL-01	WS50 RFID Back of Hand Antenna Holder, Left, Large