

DWAFWS61M

Dual Wire Adjustable Wrist Band and Coil Cord

SCC's dual wire wrist straps are designed to work with dual wire, resistance style, constant monitors. The wrist band is fully adjustable and made from soft fabric that stays flat on the wrist for good contact. Dual wire coil cords offer a right angle (90deg) mono plug, 40 lb ten-sile, multi-conductor wire, and are available in 6 or 12 foot lengths. These wrist straps are compatible with dual wire monitors that accept a mono plug, including the SCC DWMONITOR1.



Features

- Dual wire design provides secondary ground wire for redundant protection.
- Compatible with most dual wire, resistance style monitors.
- Single snap to band for improved reliability.
- Right Angle (90 degree) mono plug prevents damage to cord.

Item Numbers

ITEM CODE:	DESCRIPTION:
DWAFWS61M	DUAL WIRE ADJUSTABLE FABRIC BAND AND 6 FT CORD
DWAFWS121M	DUAL WIRE ADJUSTABLE FABRIC BAND AND 12 FT CORD
DWAFWS	DUAL WIRE ADJUSTABLE FABRIC BAND
DWCC61M	DUAL WIRE 6 FT CORD
DWCC121M	DUAL WIRE 12 FT CORD

ITEM CODE:	RELATED ITEMS
DWMONITOR1	DUAL WIRE CONSTANT WRIST STRAP MONITOR
DWPARK	PARKING BLOCK FOR DUAL WIRE WRIST STRAP

Specifications

Standards Compliance:
ESDA S1.1, EIA 625, MIL-STD-1686, MIL-HDBK-263, ANSI ESD S-20.20

Wrist Band

Fabric: Elastic polyester with conductive threads
Resistance: <500 ohms typical
Color: Dark Blue
Snap: 10 mm with dual contact
Back plates: Stainless Steel

Coil Cord

Length: 6 or 12 feet
Resistor: 1 megohm
Flex life: 300,000 flexes
Color: Gray
Ground Plug: 1/8" mono (two conductor) 90 degree

P R O D U C T D A T A S H E E T

Dual Wire Wrist Straps

PRODUCT	ITEM NUMBER	DATASHEET
DUAL WIRE WRIST STRAPS FOR DUAL WIRE CONSTANT MONITORS	SEE TABLE	1117-A



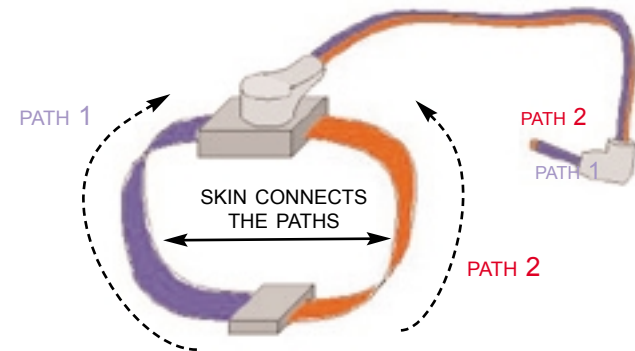
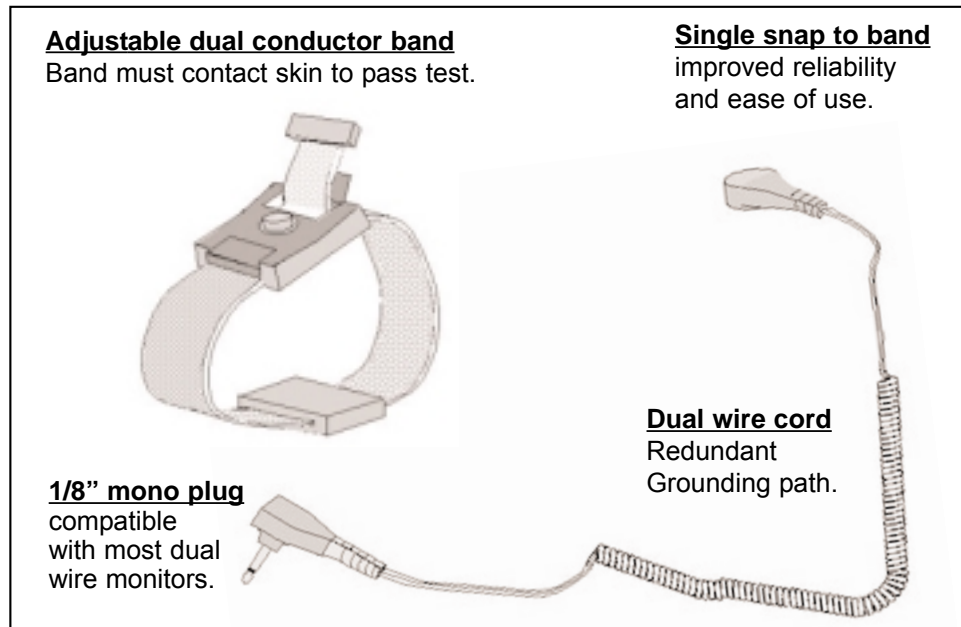
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Application

Damage to electronic devices is primarily caused by static electricity from people. Connecting people to ground protects devices by equalizing their potential with ground. Wrist straps, consisting of a wristband and a coiled cord, are used to connect people to ground. With wear and use, wrist straps become damaged. Testing using a wrist strap tester is time consuming and labor intensive. Constant monitors are designed to continuously test the connection of the wrist strap system including the person, the wristband, and the coil cord to ensure that people remain grounded. To measure the connection resistance of the system, two pathways are required. To provide two pathways, a dual wire wrist strap uses a cord with two wires inside, and a wrist strap with two separate band sections and metal back plates. SCC dual wire wrist straps are designed for compatibility with dual wire constant monitors that accept a mono plug, including the SCC DWMONITOR1.

How Dual Wire Straps Works

- Dual wire wrist straps use two paths (two wires and a two part band) to insure the connection of a person to ground.
- If one path fails, the other still grounds the person.
- The use of two paths also allows a constant monitor to test the connections by sending a signal down path 1, across the wearer's skin, and back to the monitor through path 2.
- This 'resistance test' insures proper connection of the cord, band and person.



Use a dual wire constant monitor with dual wire wrist straps.

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Dual Wire Wrist Straps

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