



- A. Right angle barrel type banana plug with patented\* machined contour spring support. Fits industry standard banana jack  $\geq .157"$ . Will maintain greater than 1 pound disengagement force over the life of the cord.
- B. Crimped termination to stranded conductor.
- C. Thermoplastic elastomer strain relief molded on. Bending Life Test average  $>50,000,000$  cycles per ANSI/ESD S20.20 (Tested per ESD S1.1). Break load average 30 pounds.
- D. Polyurethane wire insulation in Jewel<sup>®</sup> Sapphire color. Rapid retraction coil cord compresses length with resulting benefit of less tangling and dragging along work surface. Break load average 30 pounds.
- E. Tinsel conductor. Consisting of polyester wrapped with copper. High flex life. Equivalent is 29 gauge (cir mil and/or Ohms).
- F. Autosplice brass crimp secures conductors to resistor lead and provides stress relief for resistor.
- G. One megohm  $\pm 5\%$ , 1/4 watt, series resistor limits current for operator safety.
- H. Spring loaded 4mm medical snap socket. Spring separation  $.125" - .165"$ . Provides 1-5 pound breakaway from  $.160"$  snap stud (EOS/ESD-S1).

- I. Jewel<sup>®</sup> logo molded in compliance with EOS/ESD-S1.
- J. Date coded with date of manufacture.
- K. Underwriters Laboratory Listing 90P1C when used with Desco 09025, 09026, 09027, 09028, 09041, 09043, 09044, 09045, or 14840 wristbands.
- L. Right angle design has lower profile, making it less likely to be snagged and accidentally pulled out. Swivels on banana barrel for less strain - extending the life of the cord.
- M. Ribbed molding assists grasping of right angle banana plug. The plug will not be removed by tugging on cord.

**Jewel<sup>®</sup> Lifetime Limited Warranty**  
 Desco expressly warrants that for a period of 1 year from the date of purchase, Desco Jewel<sup>®</sup> Wrist Straps and Coil Cords will be free of defects in material (parts) and workmanship (labor). In addition, normal use will not cause Coil Cord resistor strain relief connection or Wrist Band 4 mm snap stud to wear sufficiently to open path-to-ground circuit. Within the lifetime warranty period, a credit for purchase of replacement Desco Jewel<sup>®</sup> products, or, at Desco's option, the Desco Jewel<sup>®</sup> product will be repaired or replaced free of charge. If product credit is issued, the amount will be calculated based upon the original invoice purchase price.

\*U.S. Patent 5951337

See drawing [09105](#) for wristband specifications.



Made in America

| ITEM                  | Retracted Length |     | Extended Length |      |
|-----------------------|------------------|-----|-----------------|------|
|                       | X                | Y   | Nominal         | Max  |
| <a href="#">09150</a> | 10"              | 27" | 6'              | 8.5' |
| <a href="#">09151</a> | 16"              | 33" | 10'             | 13'  |

**GROUND CORD, WRIST STRAP, RAPID RETRACTION, COILED, RIGHT ANGLE**

**DESCO**

**DRAWING NUMBER**  
09150

**DATE:**  
August  
2009