



WIRE LENGTH TABLE ±5mm			
ID#	COLOR	X	Y
1	BLACK	90	920
2	WHITE	90	920
3	GREY	200	920
4	RED	200	920
5	NOT USED	-	-
6	ORANGE	230	920
7	YELLOW	230	920
8	GREEN	240	920
9	PURPLE	240	920
10	WHITE/BLUE	250	910
11	WHITE/BLACK	250	910
12	WHITE/GREEN	170	910
13	WHITE/BROWN	250	910

- NOTES:
- O-RING GROOVE MAY HAVE 0.1 THK X 0.01 HIGH FLASH AT PARTING LINE.
  - WIRES SHOWN IN APPROXIMATE LOCATIONS. BUNDLE SIZE ø18.415 MAX
  - ELECTRICAL HYPOT 630 VDC WITH 500 Mohms MIN BETWEEN WIRES
  - ELECTRICAL CONTINUITY: CONTACT PIN TO TERMINAL - 1 ohm MAX, ALL WIRES.
  - PRESSURE TEST 30 BAR (450 PSI)-NO VISIBLE BUBBLES <math>10^{-4}</math> -4 cc/s
  - ID# OR WIRE POSITION 5 NOT USED IN THE ASSEMBLY.
  - ASA 568-020 O-RINGS MUST BE PARKER SEAL.
  - MAT'L: NBR, SHORE(A) 70 SPEC: MIL-P-25732 COMPOUND NO: 7377.
  - REFERENCE ONLY- CONNECTOR SHELLS INSTALLED BY CUSTOMER.
  - BAG ASSEMBLY & LOOSE CONNECTOR SHELLS IN A 8"x12" PLASTIC BAG.
  - ID# REFERS TO WIRE POSITION FOR ELECTRICAL TESTING @PAVE.
  - ALL TESTING IS DONE AT ROOM TEMPERATURE, PRESSURE, & HUMIDITY.
  - CRIMP APPLICATOR TOOL AMP #687979-3 (CRIMP HEIGHT 1.22±0.02 WIDTH 2.24-2.34)
  - CRIMP APPLICATOR TOOL AMP #466320-2 (CRIMP HEIGHT 1.22±0.02 WIDTH 1.78)
  - ITEM 17 EXTRACTION TOOL AMP #458994-2
  - ITEM 15 MAY BE MARKED WITH "PAVE" & "0430".

22	A/R	PAVE-Seal 150	EPOXY BLACK
21	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM BASED
20	2	-020, NBR#7377	O-RING -020 BUNA 70 (NBR MIL-
19	1	AMP #350779-1	CONNECTOR SHELL 4 POSITION
18	1	AMP #350720-1	CONNECTOR SHELL 9 POSITION
17	12	AMP #350561-1	CONTACT PIN 18AWG BRASS PRE-TIN
16	12	AMP #60413-1	TERMINAL FASTON STRAIGHT FOR .250 BLADE
15	2.70FT	PVC80-7/16	TUBING PVC 7/16"ID 80°C MIN
14	1	0913 SP16	HOUSING SP16-E
13	3.91FT	PC18 UL1569W/BR	WIRE 18PC UL1569 .016 7/#26
12	3.65FT	PC18 UL1569W/GR	WIRE 18PC UL1569 .016 7/#26
11	3.91FT	PC18 UL1569W/BK	WIRE 18PC UL1569 .016 7/#26
10	3.91FT	PC18 UL1569W/BL	WIRE 18PC UL1569 .016 7/#26
9	3.91FT	PC18 UL1569 VIO	WIRE 18PC UL1569 .016 7/#26
8	3.91FT	PC18 UL1569 GRN	WIRE 18PC UL1569 .016 7/#26
7	3.88FT	PC18 UL1569 YEL	WIRE 18PC UL1569 .016 7/#26
6	3.88FT	PC18 UL1569 ORG	WIRE 18PC UL1569 .016 7/#26
4	3.78FT	PC18 UL1569 RED	WIRE 18PC UL1569 .016 7/#26
3	3.78FT	PC18 UL1569 GRY	WIRE 18PC UL1569 .016 7/#26
2	3.42FT	PC18 UL1569 WHT	WIRE 18PC UL1569 .016 7/#26
1	3.42FT	PC18 UL1569 BLK	WIRE 18PC UL1569 .016 7/#26
ITEM	QTY	PART#	DESCRIPTION

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES  
 ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE +/-0.5  
 .X DECIMAL +/- 0.1 .XX DECIMAL +/- 0.02 .XXX DECIMAL +/-0.005  
 ANGLES +/- 1 DEG SURFACE FINISH 128 microinch RMS

**PAVE Technology Co.**  
 2751 Thunderhawk Court  
 Dayton, Ohio 45414-3445  
 U.S.A.  
 (937)890-1100  
 fax (937)890-5165  
 www.pavetechnologyco.com

DESCRIPTION **PAVE-Seal® Cable Harnesses**  
**SP16-E-150-12-PC18-X-Y**

PART NUMBER **0430**

REVISION LEVEL **M**

PROJECTION