

Specification 3025B TECHDATA 300V PLTC 2PRS #18 TC

1 04-30-03 REV. 2

2 3025B

3 I. DESCRIPTION:

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5 2 PAIR, 18 AWG (7 X #26) TINNED COPPER, + 22 AWG  
6 (7X30) BARE COPPER COMMUNICATION WIRE, OVERALL BELDFOIL  
7 SHIELD, 18 AWG STRANDED TINNED COPPER DRAIN WIRE, BLACK  
8 SUNLIGHT RESISTANT PVC JACKET

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10 II. ELECTRICAL CHARACTERISTICS:

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12 NOM. OPERATING VOLTAGE: 300 V RMS  
13 NOM. CONDUCTOR DC RESISTANCE  
14 @ 20 DEG. C (18/22 AWG): 6.25/14.7 OHMS 1000 FT.  
15 NOM. SHIELD DC RESISTANCE  
16 @ 20 DEG. C: 5.0 OHMS/1000 FT.

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18 III. PHYSICAL CHARACTERISTICS:

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20 TEMPERATURE RATING: -30 TO +105 DEG. C  
21 INSULATION MATERIAL: PVC  
22 JACKET MATERIAL: PVC(BLACK SUN RES)  
23 TYPE SHIELD AND % COVERAGE: OVERALL BELDFOIL; 100%  
24 MAX. PULLING TENSION: 121 LBS.  
25 MIN. BEND RADIUS: 4.0"  
26 NOM. WEIGHT/1000 FT.: 64.8 LBS.  
27 APPLICABLE SPECIFICATIONS: UL PLTC,ITC,AWM 2464 OR  
28 CMG OR C(UL) CMG, FT4,  
29 IEEE 1202  
30 FLAME RESISTANCE: UL 1581 VERTICAL TRAY  
31 FLAME TEST  
32 CSA FT4 FLAME TEST

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34 IV. COLOR CODE:

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36 BLACK AND WHITE PAIRS NUMBERED 1 THRU 2, ORANGE  
37 COMMUNICATION WIRE