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Belden Wire & Cable Company Product Code Technical
 123045B 123045B Data Sheet

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09/11/03 REV.0 123045B

I. DESCRIPTION:

POWER LIMITED TRAY CABLE - 2 TRIADS + COMMUNICATION WIRE
 TRIADS ARE 16 AWG (7X24) TINNED COPPER & PVC INSULATION,
 INDIVIDUALLY BELDFOIL SHIELDED W/18 AWG (7X26) TINNED
 COPPER DRAIN WIRE POLYESTER ISOLATION WRAP COMMUNICATION
 WIRE IS 22AWG (7X30) BARE COPPER PVC INSULATION OVERALL
 BELDFOIL SHIELD W/16 AWG (7X24) TINNED COPPER DRAIN WIRE,
 PVC JACKET WITH NYLON RIPCORD, ALUMINUM INTERLOCKED ARMOR,
 PVC OVERALL PVC JACKET.

II. ELECTRICAL CHARACTERISTICS:

MAX. OPERATING VOLTAGE: 300 V RMS
 NOM. CONDUCTOR DC RESISTANCE 4.2/14.7 OHMS/1000 FT
 @ 20 DEG. C (20/22 AWG):
 NOM. SHIELD DC RESISTANCE
 @ 20 DEG. C:
 {INDIVIDUAL): 5.9 OHMS/1000 FT.
 {OVERALL): 3.7 OHMS/1000 FT.

III. PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING: -30 TO +105 DEG. C
 INSULATION MATERIAL: PVC
 INNER JACKET MATERIAL: PVC (BLACK) SUN RES
 TYPE SHIELDS AND % COVERAGE: POLY/AL FOIL; 100%
 CABLE DIAMETER (CORE): .49" AVG
 APPLICATION SPECIFICATIONS (CORE): ALL TRIADS BLACK & WHITE
 ALL TRIADS BLACK & WHITE
 & RED NUMBERED
 CONSECUTIVITY
 ORANGE COMMUNICATION WIRE
 AN INTERLOCKED ALUMINUM ARMOR & PVC JACKET ARE APPLIED
 OVER THE BELDEN 3045B CORE:
 DIA. OVER ARMOR: .69"
 DIA. OVER PVC JACKET: .82" (BLACK) SUN RES
 MIN. BENDING RADIUS: 1.24 LBS. PLTC
 MAX. PULLING TENSION: 1581 LBS. PLTC
 SPECIFICATIONS: 70,000 BTU/HR)
 FLAME RATING: VERTICAL TRAY

***** End of Data for Product 123045B *****