



# PRODUCT DATA SHEET

Controlled Document – Engineering Drive

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**PART NUMBER: P50002-1**

**DESCRIPTION:** 2/C 16 AWG SHIELDED COMMERCIAL AUDIO AND GENERAL PURPOSE  
 LOW VOLTAGE POWER LIMITED CABLE 75C 300V PLENUM RATED

**CUSTOMER:**

**CONSTRUCTION:** 16 AWG 19 STRAND BARE COPPER 2 CONDUCTORS TWISTED

**INSULATION:** LS-PVC

**COLOR CODE:** BLACK, RED

**SHIELD/DRAIN:** ALUMINUM/POLYESTER FOIL (OUT); 24AWG 7 STRAND TC DRAIN

**ASSEMBLY:** 2 CONDUCTORS TWISTED, SHIELDED AND JACKETED

**JACKET:** LS-PVC WHITE (OTHER COLORS AVAILABLE; MOQ MAY APPLY) (.014 Nom Wall)

**DIAMETER:** 0.185" Nominal

**CABLE WT:** 31 Lbs/1000 Ft Approx (Net Weight)

**PRINT LEGEND:** 16 AWG 2/C E57497 C(UL)US CMP/CL3P/FPLP 75C -- CMP FT6 MADE IN USA  
 ROHS-2 COMPLIANT -- XX/XX/XX (MONTH/DAY/YEAR) HH:MM (HOUR/MINUTE)

**FOOTAGE MARKS:** SEQUENTIALLY FOOT-PRINT TO WHATEVER THE PUT-UP IS IN  
 ASCENDING/DESCENDING ORDER.

**MARKER TAPE:** NO

**NEC:** CMP/CL3P/FPLP  
 FOR RISER RATED VERSION GO TO SPEC. NO. A50039

**COMPLIANCE:** UL 444 CMP by (UL) / NEC ARTICLE 800 / CSA C22.2 by c(UL) / RoHS

**FLAME TEST:** NFPA 262(UL 910) / CSA FT6

**CAPACITANCE:** 52 pF/Ft Nominal

**VEL OF PROP:** 55%

**IMPEDANCE:** 36 OHMS

**RESISTANCE:** 4.35 OHMS D.C. PER 1000 Ft @ 68 DEG. F Maximum

**TEMP/VOLTAGE:** 75C / 300V

**MISC:** MADE IN USA

Specification Issue Date: 1/14/16	Rev Level:	ERF:	ECN:	Designed by:
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Complies with EU Dir. 2011/65/EU (RoHS-2).

The customer will accept all factory lengths and +/- 10 percent of total order requested.

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