



Drawing typical of P/N Family



1-800-WIRE-911

1.0 Scope: This specification defines the requirements of a 2 conductors, 18AWG, 105 pvc insulated; pvc, non overall shielded, jacketed, cable

2.0 Applicable documents: UL, C(UL) ,N.E.C.

3.0 Requirements:

3.1 Mechanical:

- 3.1.1 **Inner Conductors:** 2 conductor(s) 18awg 19/0092 tinned copper
- 3.1.2 **Inner Conductor Insulation:** 105 pvc [Ins: .015]
- 3.1.3 **Color Code:** TWC Chart 17
- 3.1.4 **Binder or Protective Wrap:** Optional
- 3.1.5 **Outer Jacket:** pvc [Wall: .037] [Nominal OD: .224] [Color: BLACK]
- 3.1.6 **Cable Weight:** 28 Lbs/mft

3.2 Electrical:

- 3.2.1 **Voltage Rating:** 300 Volts
- 3.2.2 **D.C. Resistance (Nom):** 6.92 OHMS per 1000 FT @ 68 DEG. F

3.3 Environmental:

- 3.3.1 **Operating temperature:** 105 Degrees C

3.4 Approvals:

UL Standard 13 and NEC Article 725 Type PLTC Power Limited Tray Cable

3.5 Flame Rating:

4.0:

4.1 General Marking Requirements:

The cable and packaging will be marked in accordance with the current UL, CSA, and NEC guidelines [Where applicable].

Print Legend: 6651

E57497 PLTC/ITC/CL3R 18AWG (UL) OR CMR c(UL) CMG SUNLIGHT RESISTANT 105C MADE IN USA

4.2 Regulatory Marking Requirements:

UL, C(UL) ,N.E.C. [Where applicable]

4.3 Shipment:

Packing will be designed and maintained by the supplier such that it protects its contents from damage and/or degradation through shipment and storage. Shipping Tolerance is +/- 10% length variance, unless otherwise specified on your quotation. Customer agrees to accept all lengths generated on custom cables.

APPROVED BY (CUSTOMER) :

CUSTOMER NAME:

(Signature)

Date:

Tappan Wire & Cable, Inc.
100 Bradley Parkway - Blaauvelt, NY 10913

Specification Number

U40071.1

SHEET 1 OF 1

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