



**Description:** Sixteen 20 AWG Shielded Pairs  
Overall Foil Shield and PVC Jacket

**Date:** 10/15/2008

**JM Part Number:** TBD  
**Reference:** TBD

**Components**

Sixteen 20 AWG Shielded Pairs (Each pair will have the following construction)

**Conductor:** 20 AWG, 71.0121 bare copper  
**Insulation:** .016" nominal wall of PVC (see color code)

**Pair Twist:** Each pair will have two conductors, described above,  
twisted together with varying lay lengths

**Pair Drain Wire:** Each Pair will have a 22 AWG, 7/30 tinned copper drain wire

**Pair Foil Shield:** Each Pair will have an Aluminum-Mylar tape with Aluminum side IN

**Pair Isolation Tape:** Each Pair will have a Clear Mylar tape over the Foil Shield .142" (major axis)

**Overall Cable Construction**

**Overall Cabling:** Sixteen 20 AWG Shielded Pairs cabled together  
with FRPP fillers, as necessary

**Overall Binder:** A Clear Mylar tape binder will be applied over the sixteen pair core

**Overall Drain Wire:** A 22 AWG, 7/30 tinned copper will be placed over the overall binder,  
and beneath the overall Foil Shield

**Overall Foil Shield:** An Aluminum-Mylar tape with Aluminum side IN

**Overall Jacket:** .065" nominal wall of Grey PVC .757"

**Print**

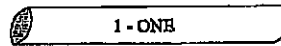
E66440  AWM 2586 105C 600V

**Color Code**

**Colors:** All pairs will have one Black conductor and one White conductor.

**Print:** The White conductor in each pair will be printed with the pair number.

**Example:**



**Requirements**

**Temperature:** 105C  
**Voltage:** 600V

**Approvals:** UL Style 2586

Written By:	rjc	10/15/2008	Rev. 0	Initial Issue
Revised By:	rjc	10/17/2008	Rev. 1	Revised spec per customer request
Revised By:				
Revised By:				