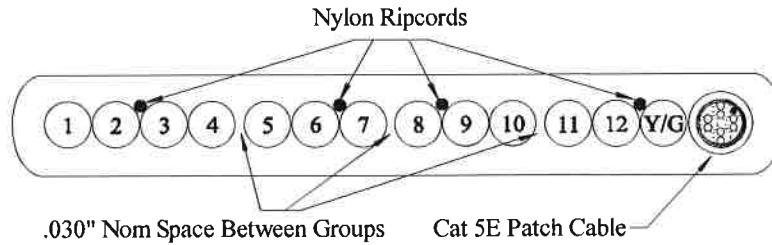


**Description:** Twenty-One Conductor Composite,  
Overall Black PVC Jacket

**Date:** 5/17/2010  
**JM Part Number:** JM56070  
**Reference:**

**Cable Diagram**



**Components**

- Component A:** Thirteen 10 AWG Singles  
 Conductor: 10 AWG, 105/30 bare copper (smooth bunch)  
 Insulation: .025" nominal wall of PVC (see color code) .160"
- Component B:** Cat 5E Patch Cable (Belden P/N CP145830) 105°C 300V .224"

**Overall Cable Construction**

- Cabling:** Components A, and B laid parallel as shown in diagram  
**Ripcords:** Four Nylon Ripcords placed under jacket as shown in diagram.  
**Jacket:** .074" nominal wall of Matte Black 105°C TPE/TPJ,      Width: 2.515 ± .015"  
 78A durometer      Thickness: .325 ± .015"

**Conductor Print**

**Component A: 10 AWG AWM 10669 105C 600V E66440**  
 In addition to this print legend, each conductor will be numerically printed (see color code below)

**Jacket Print**

**ELECTRONIC THEATRE CONTROLS INC W6419 - XXXX-XXX-XXXX\***  
 \*Lot Number

**Color Code**

**Component A:** 1 thru 12: All conductors are Black and numerically printed  
 13: Yellow/Green and unprinted



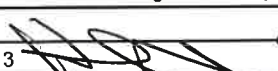
**Component B:** Pair 1: White/Blue and Blue      Pair 3: White/Green and Green  
 Pair 2: White/Orange and Orange      Pair 4: White/Brown and Brown

**Requirements**

	<u>Temp</u>	<u>Voltage</u>	
Comp A:	105°C	600V	Approvals: Conductors meet UL AWM 10669 RoHS Compliant CE
Comp B:	105°C	300V	

**PVC Insulation:** UL Recognized Component for TW/THW/THWN + Oil Res I + VW-1  
**TPE Jacket:** UL Recognized Component for 720HR Sunlight Resistant; 105°C Jacket Material;  
 & Extra Hard Usage Cords and Cables

**Min Bend Radius:** 1-5/8" (5X Thickness)

Revised By:	jrt	8/10/2010	Rev. 3	Added Cat5E Voltage per Belden Product Specification
Revised By:	jrt	8/26/2010	Rev. 4	Updated Jacket and Requirements section with UL Recognized Component details
Revised By:	rfa	7/17/2017	Rev. 5	Add Min bend radius
Revised By:	scs	3/28/2018	Rev. 6	Added AWM Print to Conductors #1 - #13  03/29/18