

Description: Eight Conductor Composite Cable
 Overall Spiral Shield and PVC Jacket
 UL Type CL2

Date: 8/7/2012

JM Part Number: JM56734

Reference: 0008CB3PU1PU-8HHE

Component A Three 18 AWG Twisted Pairs

Conductor: 18 AWG, 16/30 tinned copper (DCR, 7.1 Ohms, Nom)
 Insulation: .016" nominal wall of PVC (see color code) .077"

Pair: Two conductors twisted together .154" (major axis)

Component B One 14 AWG Twisted Pair

Conductor: 14 AWG, 41/30 tinned copper (DCR, 2.8 Ohms, Nom)
 Insulation: .030" nominal wall of PVC (see color code) .138"

Pair: Two conductors twisted together .276" (major axis)

Cable Construction

Cabling: Three A Components and One B Component, LH Lay
 (FRPP fillers as necessary)

Binder: Clear Mylar tape

Shield: 34 AWG tinned copper spiral shield, 85% minimum coverage

Jacket: .060" nominal wall of Gray PVC .495"

Print

E67179 6/C 18 AWG 2/C 14 AWG SHIELDED 75C (UL) TYPE CL2

Color Code

Component A: Pair 1: White and Gray
 Pair 1: White and Violet
 Pair 1: White/Violet and Violet/White

Component B: White and Blue

Requirements

Temperature: 75C (UL Type CL2) Approvals: UL Type CL2
 Voltage: 150V (Not UL)

Electricals

Component A: Capacitance: 38 pF/ft, nominal
 Impedance: 50 Ohms

Component B: Capacitance: 37 pF/ft, nominal
 Impedance: 55 Ohms

Written By:	rjc	8/7/2012	Rev. 0	Initial Issue
Revised By:	rjc	9/25/2012	Rev. 1	Revised Electrical values
Revised By:	scs	10/3/2012	Rev. 2	Added JM, Changed Reference Number
Revised By:				