

**Description:** Three 22 AWG Twisted Pairs  
 Overall Foil Shield, Braid Shield,  
 and PVC Jacket

**Date:** 2/24/2014

**JM Part Number:** JM57204

**Reference:** TBD

**Components**

Three 22 AWG Twisted Pairs

Conductor: 22 AWG, 7/30 tinned copper

Insulation: .019" nominal wall of High Density Foam Polyethylene (see color code)

Pair Twist: Two 22 AWG conductors twisted together .136" (major axis)

**Cable Construction**

Cabling: Three Twisted Pairs cabled together

Foil Shield: Aluminum-Mylar tape, Aluminum side OUT

Drain Wire: 22 AWG, 7/30 tinned copper

Braid Shield: 36 AWG tinned copper braid, 65% coverage

Jacket: .045" nominal wall of Black PVC .355"

**Print**

**E138031 3/PR 22 AWG (UL) OR C(UL) TYPE CM**

**Color Code**

Pair 1: White/Blue and Blue/White

Pair 2: White/Orange and Orange/White

Pair 3: White/Green and Green/White

**Requirements**

Temperature: 60C

Approvals: UL OR C(UL) CM

Voltage: 300V (not marked on cable)

Recommended for EIA Industrial RS-485

Electricals: 120 Ohms, Nominal Impedance

11.0 pF/ft, Nominal Capacitance (conductor to conductor)

20.9 pF/ft, Nominal Capacitance (conductor to other conductor and shield)

Revised By:	rjc	3/10/2014	Rev. 1	Added electricals and EIA Industrial RS-485 note
Revised By:	scs	4/28/2014	Rev. 2	Added JM Number
Revised By:	scs	3/10/2015	Rev. 3	Added Voltage to Requirements
Revised By:	rfa	3/10/2015	Rev. 4	Corrected Voltage Rating