

**Description:** Twelve Conductor Composite Cable  
 With An Overall Foil Shield, Braid shield,  
 Polyurethane Jacket

**Date:** 9/18/2008

**JM Part Number:** JM55570

**Reference:** FM 012508AA-1

**Components**

**Component A:** One Cat 6 Cable - Blue Jacket .230"  
 Mohawk P/N LT57501, HCM P/N 32001/8 or equivalent

**Component B:** Four 16 AWG Conductors

Conductor: 16 AWG, 19/29 tinned copper

Insulation: .016" nominal wall of PVC (see color code) .086"

**Overall Cable Construction**

Cabling: Component A and Component B cabled together with  
 FRPP fillers, as necessary, for roundness

Foil Shield: Aluminum-Mylar tape, Aluminum side OUT

Braid Shield: 34 AWG tinned copper braid, 80% coverage

Jacket: .073" nominal wall of Black FR Polyurethane .500" ± .015"  
 Mica powder applied to jacket.

**Color Code**

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

Component B: Red, Red/White, Black, and Black/White

**Print**

**EN-POWER CABLE --- EN-6U2P16-1 --- RAYTHEON HTMS MADE IN USA**  
**E66440 9\ AWM 20475 60C 300V**

**Requirements**

Temperature: 60°C  
 Voltage: 300V

Approvals: UL AWM Style 20475

Revised By:	rjc	6/16/2009	Rev. 3	Changed UL Style Approval and print legend
Revised By:	scs	7/8/2009	Rev. 4	Revised Print Legend
Revised By:	scs	7/10/2009	Rev. 5	Revised Print Legend, Changed "CANADA" to "MADE IN USA"
Revised By:	ajd	1/21/2010	Rev. 6	Added Cat 6 P/N's and changed nominal OD from .216 to .230
Revised By:	rfa	6/8/2010	Rev. 7	Added mica powder to jacket.