

1) CONSTRUCTION:
 CONDUCTOR: 24 AWG SOLID BARE COPPER
 INSULATION: HIGH DENSITY POLYETHYLENE, .008" NOM. WALL THICKNESS
 PAIRS: COLOR CODED SINGLES TWISTED INTO PAIRS
 CABLE: (4) TWISTED PAIRS TWISTED TOGETHER TO FORM A CABLE CORE
 JACKET: POLYVINYLCHLORIDE, **(COLOR, PER CHART 1)**, .027" NOM. WALL THICKNESS

NOM. DIA.
 .0215"
 .039" MAX
 .078"
 .168"
 .225" MAX

2) PHYSICAL PROPERTIES:
 TEMPERATURE RATING, MAX. 75°C
 TEMPERATURE RATING, MIN. -20°C
 WT./M', NOM., NET. 23.5 LBS.
 CHART 1:

QUABBIN P/N	JACKET COLOR
2000	BLACK
2001	BROWN
2002	RED
2003	ORANGE
2004	YELLOW
2005	GREEN
2006	BLUE
2007	VIOLET
2008	GRAY
2009	WHITE
2010	BEIGE
2012	PINK
2015	LIME

3) ELECTRICAL CHARACTERISTICS:
 SEE PAGE 2

4) AGENCY APPROVALS:
 NEC TYPE (UL) CMR
 CEC TYPE C(UL) CMR

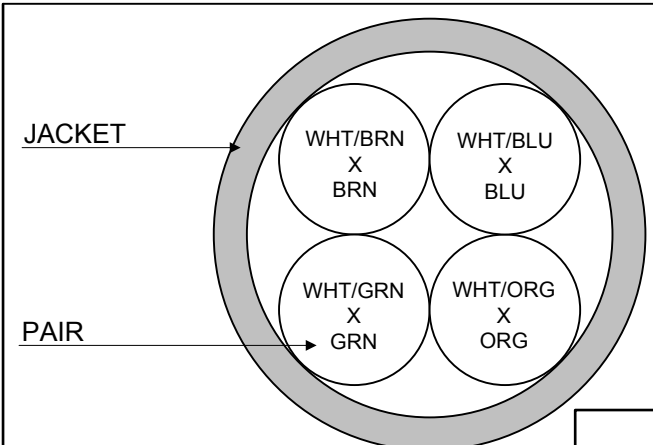
5) APPLICATION:
 HORIZONTAL CABLE FOR CAT 6 APPLICATIONS. RoHS COMPLIANT MATERIALS

6) PRINT: (WHITE INK ON BLACK JACKET, ALL OTHERS BLACK INK)
 QUABBIN DATAMAX 6 -- HORIZONTAL CABLE P/N **(QWC P/N PER CHART 1)** -- C(UL)US TYPE CMR 24 AWG 75C -- TIA-568-C.2 CAT 6 COMPLIANT -- RoHS -- MADE IN USA -- **(LOT DESIGNATOR)**
(SEQUENTIAL FOOTAGE)

7) COLOR CODE:
 1. WHITE/BLUE X BLUE
 2. WHITE/ORANGE X ORANGE
 3. WHITE/GREEN X GREEN
 4. WHITE/BROWN X BROWN

8) PUT UPS:
 AVAILABLE IN STANDARD 1000 FT REELS
 OR IN LONGER BULK PUTUPS

9) PACKAGING:
 TO BE PACKAGED AS PER QWC'S
 STANDARD PACKAGING.




Created 12/11/12	DRAWN: BMD 12/11/12	
REV. 01	CHECKED: GBM 12/11/12	
TITLE DATAMAX 6 HORIZONTAL CABLE		
DRAWING #		1 of 2

CUSTOMER APPROVAL: _____ DATE: _____

3) ELECTRICAL CHARACTERISTICS: (FOR 100m OF CABLE)

CAPACITANCE, MUTUAL, NOM.	13.5 PF/FT. AT 1 MHZ	
DIELECTRIC WITHSTANDING, MIN.	1500V RMS	
VOLTAGE RATING, MAX.	300V	
D.C. RESISTANCE, MAX.	26.2 Ω /1000'	
IMPEDANCE	100 +/- 15 Ω 1-100 MHZ; 100 +/-20 Ω 100 TO 250 MHZ	
RETURN LOSS	1-10 MHZ	20 + 5 LOG(F) DB MIN
	10-20 MHZ	25 DB MIN
	20-250 MHZ	25- 7 LOG(F/20) DB MIN
PS NEXT	1-250 MHZ	42.3 - 15 LOG(F/100) MIN
NEXT	1-250 MHZ	44.3 - 15 LOG(F/100) MIN
PSACRF	1-250 MHZ	24.8 - 20 LOG(F/100) MIN
ACRF	1-250 MHZ	27.8 - 20 LOG(F/100) MIN
ATTENUATION	1-250 MHZ	1.808 SQRT(F) + .017(F) + .2/SQRT(F) MAX
DELAY	1-250 MHZ	534 + 36/SQRT(F) MAX
DELAY SKEW	1-250 MHZ	<45NS
TCL	1-10 MHZ	40 DB MIN
	10-250 MHZ	30 - 10 LOG(F/100) DB MIN
ELTCTL	1-30 MHZ	35 - 20 LOG(F) MIN
VELOCITY OF PROPAGATION	69%	

NOTE: ALL TESTING IS DONE OFF THE REEL.

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TITLE DATAMAX 6 HORIZONTAL CABLE		
DRAWING #		QWC0050
		2 of 2

CUSTOMER APPROVAL:

DATE: