

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, DARK BLUE, .027" NOM. WALL THICKNESS
 OVERALL CABLE DIAMETER

NOM. DIA.
 .0215"
 .039" MAX
 .078"
 .158"
 .220" MAX

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

3) ELECTRICAL CHARACTERISTICS:
 SEE PAGE 2

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

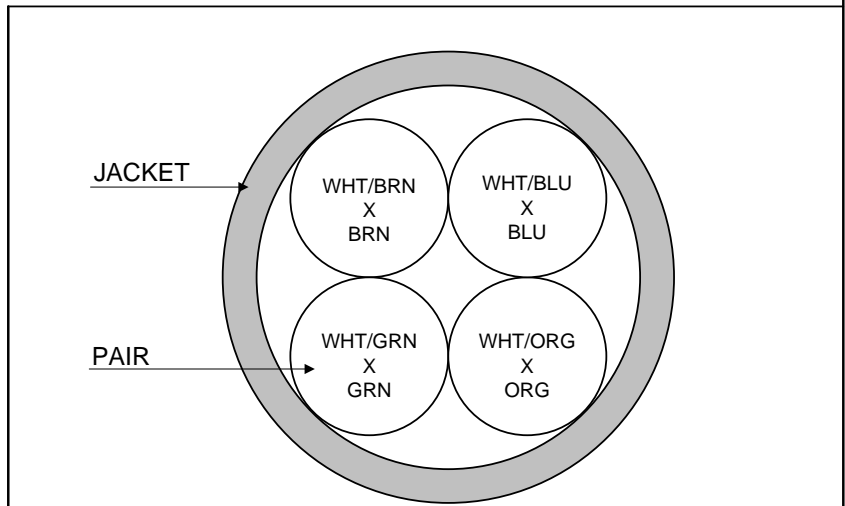
5) APPLICATION:


6) PRINT:
 QUABBIN DATAMAX 6 -- HORIZONTAL CABLE P/N 2006 -- (UL) C(UL) TYPE CMR 24 AWG 75C --
 TIA-568-B.2-1 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




REVISION 05	DATE:	DRAWN B. M. DUCZYNSKI 10/18/02	
REVISED BY B. Duczynski 1/9/09	CHECKED J. RIVERNIDER 10/18/02		
CHECKED G. Munn 01/09/09	CHECKED		
CHECKED	CUSTOMER APPROVAL: DATE:	TITLE DATAMAX 6 HORIZONTAL CABLE	
		QUABBIN P/N 2006	1 OF 2

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

CAPACITANCE, MUTUAL	13.5 PF/FT. AT 1 MHZ	
DIELECTRIC WITHSTANDING, MIN	1500V RMS	
VOLTAGE RATING, MAX.	300V	
D.C. RESISTANCE, MAX.	26.2 OHMS	
IMPEDANCE,	100 +/- 15 OHMS 1-100 MHZ; 100 +/-20 OHMS 100 TO 250 MHZ	
RETURN LOSS	1 - 2 MHZ	20 + 5 LOG (F) DB MIN
	2 - 20 MHZ	25 DB MIN
	20 - 200 MHZ	27- 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
PS ELFEXT	1-250 MHZ	24.8 - 20 LOG(F/100) MIN
ELFEXT	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)
DELAY SKEW	1-250 MHZ	<45NS

NOTE: ALL TESTING IS CONDUCTED OFF THE REEL.

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REVISED BY	<i>B. Duczynski</i> 1/9/09	CHECKED J. RIVERNIDER 10/18/02	
CHECKED	<i>G. Murre</i> 01/09/09	CHECKED	
CHECKED		CUSTOMER APPROVAL: DATE:	TITLE DATAMAX 6 HORIZONTAL CABLE
			QUABBIN P/N 2006 2 OF 2