

1) CONSTRUCTION:		NOM. DIA.
CONDUCTOR: 24 AWG 7/32 TINNED COPPER		.024"
INSULATION: HIGH DENSITY POLYETHYLENE, .007" NOM. WALL THICKNESS		.039" MAX
PAIRS: COLOR CODED SINGLES TWISTED INTO PAIRS		.078"
CABLE: (4) TWISTED PAIRS TWISTED TOGETHER TO FORM A CABLE CORE		.160"
JACKET: POLYVINYLCHLORIDE, YELLOW, .020" NOM. WALL THICKNESS	OVERALL CABLE DIAMETER	.220" MAX

2) PHYSICAL PROPERTIES:
 TEMPERATURE RATING, MAX 60°C & 75°C
 WT./M', NOM., NET. 22.2 LBS.

3) ELECTRICAL CHARACTERISTICS:
 SEE PAGE 2

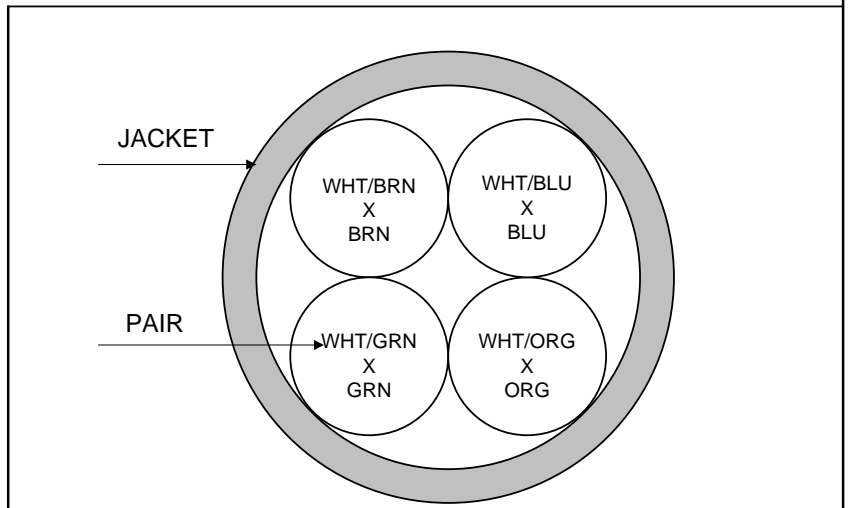
4) AGENCY APPROVALS:
 (UL) TYPE CM
 CSA TYPE CMG


5) APPLICATION:
 IDEAL FOR LOW PROFILE TWO PIECE MODULAR CAT 6 PLUGS. RoHS COMPLIANT MATERIALS.

6) PRINT:
 QUABBIN DATAMAX 6E 600 MHZ ENHANCED PATCH CORD P/N 2204B -- (UL) TYPE CM 24 AWG 75C --
 CSA LL51726 TYPE CMG 60C -- TIA-568-B.2-1 CAT 6 -- RoHS -- **(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




REVISION 01	DATE:	DRAWN <i>B. Duczyski</i> 1/28/09	
REVISED BY		CHECKED <i>J. Ruznicer</i> 2/3/09	
CHECKED		CHECKED	
CHECKED		CUSTOMER APPROVAL: DATE:	TITLE DATAMAX 6 PATCH CABLE
			QUABBIN P/N 2204B 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.	26.0 OHMS	
IMPEDANCE,	100 +/- 15 OHMS 1-100 MHZ; 100 +/-20 OHMS 100 TO 600 MHZ	
IMPEDANCE, SMOOTHED	100 +/- 3 OHMS TYPICAL 5 - 500 MHZ	
SRL	23 DB 1-20 MHZ	
	23 - 10 LOG(F/20) 20-250 MHZ	
RETURN LOSS	1 - 10 MHZ	20 + 5 LOG (F) DB MIN
	10 - 20 MHZ	25 DB MIN
	20 - 500 MHZ	25 - 8.6 LOG(F/20) DB MIN
PS NEXT	1-250 MHZ	77 - 15 LOG (F/.772) MIN
	250-500 MHZ	74 - 15 LOG (F/.772) MIN
NEXT	1-250 MHZ	79.5 - 15 LOG (F/.772) MIN
	250-500 MHZ	76 - 15 LOG (F/.772) MIN
PS ELFEXT	1-500 MHZ	67 - 20 LOG(F/.772) MIN
ELFEXT	1-500 MHZ	70 - 20 LOG(F/.772) MIN
ATTENUATION	1-500 MHZ	1.2[1.82 SQRT(F) +.017(F) +.17/SQRT(F)]MAX
DELAY	1-500 MHZ	534 + 36/SQRT(F)
DELAY SKEW	1-500 MHZ	<25NS
LCL	1-500 MHZ	-38dB MIN

NOTE: ALL TESTING IS CONDUCTED OFF THE REEL.

REVISION 01	DATE:	DRAWN <i>B. Duczyski</i> 1/28/09	
REVISED BY		CHECKED <i>J. Ruenicker</i> 2/3/09	
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CHECKED		CUSTOMER APPROVAL:	TITLE
		DATE:	DATAMAX 6 PATCH CABLE
			QUABBIN P/N 2204B 2 OF 2