

1) CONSTRUCTION:
 CONDUCTOR: 24 AWG 7/32 TINNED COPPER
 INSULATION: HIGH DENSITY POLYETHYLENE, .007" NOM. WALL THICKNESS
 PAIRS: COLOR CODED SINGLES TWISTED INTO PAIRS
 CABLE: (4) TWISTED PAIRS TWISTED TOGETHER TO FORM A CABLE CORE
 JACKET: POLYVINYLCHLORIDE, RED, .020" NOM. WALL THICKNESS
 NOM. DIA. .024"
 .039" MAX
 .076"
 .160"
 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

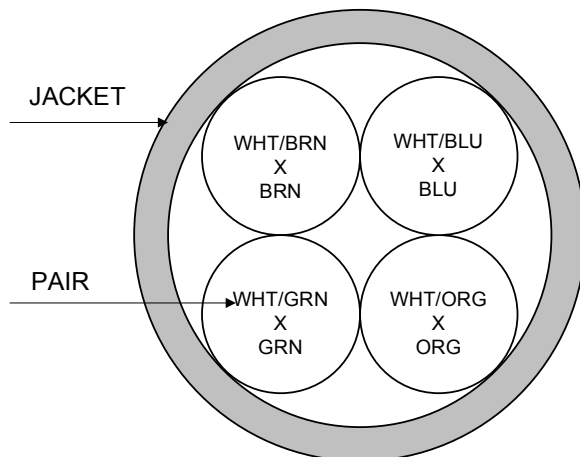
4) AGENCY APPROVALS:
 (UL) TYPE CM
 CSA TYPE CMG
 ETL VERIFIED


5) APPLICATION:
 JUMPER AND PATCH CABLE FOR CATEGORY 5e APPLICATIONS. RoHS COMPLIANT MATERIALS.

6) PRINT:
 QUABBIN DATAMAX CAT 5e PATCH CORD/JUMPER P/N 5402R -- (UL) TYPE CM 24 AWG 75C --
 CSA LL51726 TYPE CMG 60C -- ETL VERIFIED TO TIA-568-B.2 CAT 5e -- RoHS -- **(LOT DESIGNATOR)**

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

8) PACKAGING:
 STANDARD 1000 FT REELS
 AVAILABLE IN LONGER BULK PUT-UPS
 AND 1000 FT PULL BOXES




REVISION 12	DATE:	DRAWN J. RIVERNIDER 09/21/94	
REVISED BY	<i>B. Duceyuski</i> 2/6/08	CHECKED G. MELNIK 09/21/94	
CHECKED	<i>B. Duceyuski</i> 3/17/08	CHECKED	
CHECKED		CUSTOMER APPROVAL: DATE:	TITLE DATAMAX PATCH CABLE FOR CAT 5e
			QUABBIN P/N 5402 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 Ω	
IMPEDANCE,	100 +/- 15 Ω 1-100 MHZ	
IMPEDANCE, SMOOTHED	100 +/- 10 Ω TYPICAL 5 - 100 MHZ	
SRL	23 DB 1-20 MHZ 23 - 10 LOG(F/20) 20-100 MHZ	
RETURN LOSS	1 - 10 MHZ	20 + 5 LOG (F) DB MIN
	10 - 20 MHZ	25 DB MIN
	20 - 100 MHZ	25 - 8.6 LOG(F/20) DB MIN
PS NEXT	1-100 MHZ	64 - 15 LOG(F/772) MIN
NEXT	1-100 MHZ	67 - 15 LOG(F/772) MIN
PS ELFEXT	1-100 MHZ	63 - 20 LOG(F/772) MIN
ELFEXT	1-100 MHZ	66 - 20 LOG(F/772) MIN
ATTENUATION	1-100 MHZ	1.2[1.967 SQRT(F) + .023(F) + .05/SQRT(F)]MAX
DELAY	1-100 MHZ	534 + 36/SQRT(F)
DELAY SKEW	1-100 MHZ	<25NS
LCL	1-100 MHZ	-38dB MIN
NOMINAL VELOCITY OF PROPAGATION	1-100 MZH	.67C (67%)

NOTE: ALL TESTING IS CONDUCTED OFF THE REEL.

REVISION 12	DATE:	DRAWN S. ADDIE 09/21/94	
REVISED BY	<i>B. Duczynski</i> 2/6/08	CHECKED G. MELNIK 09/21/94	
CHECKED	<i>B. Duczynski</i> 3/17/08	CHECKED	
CHECKED		CUSTOMER APPROVAL: DATE:	TITLE DATAMAX PATCH CABLE FOR CAT 5e
			QUABBIN P/N 5402 2 OF 2