

1) CONSTRUCTION:

CONDUCTOR:	24 AWG 7/32 STRANDED TINNED COPPER	NOM. DIA.	.024"
INSULATION:	HIGH DENSITY POLYETHYLENE, .007" NOM. WALL THICKNESS		.038"
PAIRS:	COLOR CODED SINGLES TWISTED INTO PAIRS		.076"
CABLE:	(4) TWISTED PAIRS TWISTED TOGETHER TO FORM A CABLE CORE		
JACKET:	POLYVINYLCHLORIDE, (COLOR, PER CHART 1), .021" NOM. WALL THICKNESS		
	OVERALL CABLE DIAMETER		.215"

2) PHYSICAL PROPERTIES:

TEMPERATURE RATING, MAX.	60°C & 75°C
TEMPERATURE RATING, MIN.	-20°C (COLD BEND TEST, PER UL 444, CSA C22.2 NO. 214)
WT./M', NOM., NET.	22.2 LBS.
BEND RADIUS, STATIC	1"

CHART 1:

QUABBIN P/N	JACKET COLOR
5500	BLACK
5501	BROWN
5502	RED
5503	ORANGE
5504	YELLOW
5505	GREEN
5506	BLUE
5507	VIOLET
5508	GRAY
5509	WHITE
5510	BEIGE
5511	LIGHT BLUE
5512	PINK
5515	LIME

3) ELECTRICAL CHARACTERISTICS:
SEE PAGE 2

4) AGENCY APPROVALS:
(UL) TYPE CMR
CSA TYPE CMG
ETL VERIFIED TO CAT 5e

5) APPLICATION:
JUMPER AND PATCH CABLE FOR CATEGORY 5 AND 5e APPLICATIONS. SUPPORTS ATM APPLICATIONS TO 155 MHZ OR OTHER EXTENDED FREQUENCY APPLICATIONS. RoHS COMPLIANT MATERIALS.

6) PRINT: (WHITE INK ON BLACK JACKET, ALL OTHERS BLACK INK)
QUABBIN DATAMAX 5E 350 MHZ ISO 11801 PATCH CORD P/N (P/N PER CHART 1*) -- (UL) TYPE CMR 24 AWG 75C -- CSA LL51726 TYPE CMG 60C -- ETL VERIF. TIA-568-C.2 CAT 5e -- RoHS -- (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)

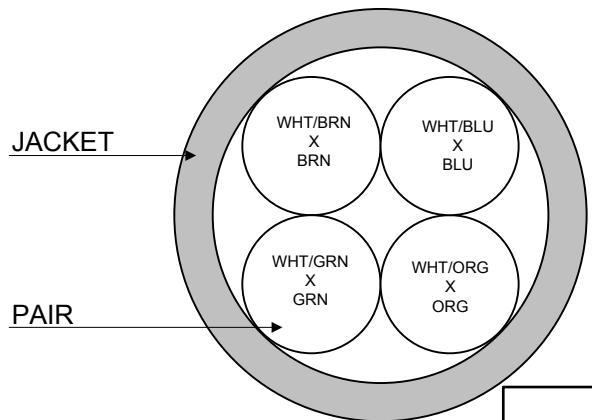
*NOTE: "R" MAY BE ADDED TO SOME P/N IN PRINT TO DISTINGUISH FROM PREVIOUS NON-RoHS PRODUCT

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:

1000 FOOT REELS
REEL IN A BOX AND BULK PUT-UPS
AVAILABLE



Created 11/10/11	DRAWN: BMD 1/12/12
REV. 02	CHECKED: GBM 01/12/12



TITLE
CAT 5E PATCH CABLE

DRAWING # QWC0009

1 of 2


CUSTOMER APPROVAL:

DATE:

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/1,000'	
IMPEDANCE,	100 +/- 15 Ω 1-350 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

NOTE: ALL TESTING IS CONDUCTED OFF THE REEL.

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TITLE CAT 5E PATCH CABLE		
DRAWING #		QWC0009
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CUSTOMER APPROVAL:

DATE: