

1) CONSTRUCTION:

| | | | |
|-------------|---|------------------------|-----------------------|
| CONDUCTOR: | 24 AWG 7/32 STRANDED TINNED COPPER | NOM. DIA. | .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 AND WRAPPED WITH A CLEAR POLYESTER TAPE TO FORM A CABLE CORE | | .163" |
| JACKET: | LOW SMOKE ZERO HALOGEN, (COLOR, PER CHART 1), .030" NOM. WALL THICKNESS | OVERALL CABLE DIAMETER | .223" (BY PI TAPE) |

2) PHYSICAL PROPERTIES:

| | |
|--------------------------|------------------|
| TEMPERATURE RATING, MAX. | 75°C |
| TEMPERATURE RATING, MIN. | -20°C |
| WT./M', NOM., NET. | 26.5 LBS. |
| FLAME RATING | VW-1 |
| CORROSIVE GAS | IEC 60754-2 |
| SMOKE EMISSION | IEC 61034-1 & -2 |

CHART 1:

| QUABBIN P/N | JACKET COLOR |
|-------------|--------------|
| 1200 | BLACK |
| 1201 | BROWN |
| 1202 | RED |
| 1203 | ORANGE |
| 1204 | YELLOW |
| 1205 | GREEN |
| 1206 | BLUE |
| 1207 | VIOLET |
| 1208 | GRAY |
| 1209 | WHITE |
| 1210 | BEIGE |
| 1212 | PINK |
| 1215 | LIME |

3) ELECTRICAL CHARACTERISTICS:

SEE PAGE 2

4) AGENCY APPROVALS:

NEC (ETL) TYPE CMX
CEC C(ETL) TYPE CMX

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)

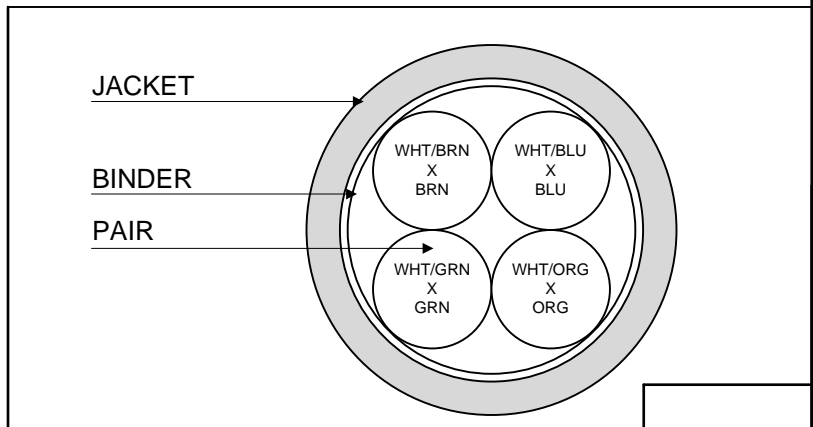
QUABBIN DATAMAX 5E 350 MHZ PATCH CORD/JUMPER P/N (QWC P/N PER CHART 1) LOW SMOKE ZERO HALOGEN TIA-568.2-D CAT 5e -- C(ETL)US TYPE CMX 75C 24 AWG -- VW-1 -- RoHS -- (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)

7) COLOR CODE:

1. WHITE/BLUE X BLUE
2. WHITE/ORANGE X ORANGE
3. WHITE/GREEN X GREEN
4. WHITE/BROWN X BROWN

8) PACKAGING:

TO BE PACKAGED AS PER QWC'S STANDARD PACKAGING



| | | |
|--|--------------------------|---------|
| Created 3/15/12 | DRAWN: SGH 05/25/21 | |
| REV. 03 | CHECKED: ZRS 05/25/21 | |
| TITLE DATAMAX CAT 5E PATCH CABLE -- LSZH -- TYPE CMX | | |
| DRAWING # | | QWC0033 |
| | | 1 of 2 |

CUSTOMER APPROVAL:

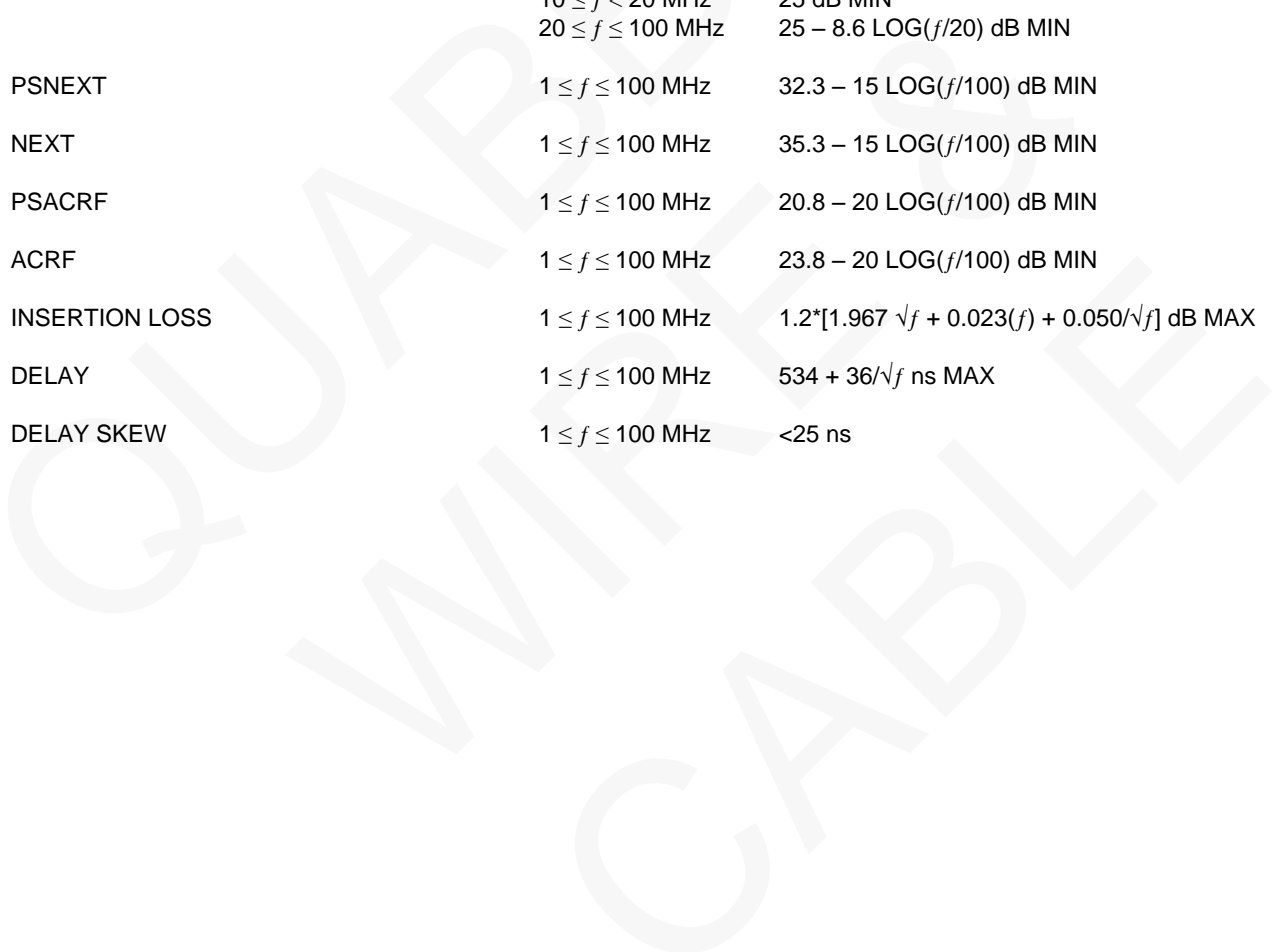
DATE:

3) ELECTRICAL CHARACTERISTICS:

| | |
|-------------------------------|-----------------------------|
| 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/1,000' (14.0 Ω/100m) |

NOTE: TESTING FOR THE FOLLOWING IS CONDUCTED OFF THE REEL. (FOR 100m OF CABLE)

| | | |
|----------------|----------------------|---|
| IMPEDANCE | 100 ± 15 Ω 1-100 MHz | |
| RETURN LOSS | 1 ≤ f < 10 MHz | 20 + 5 LOG(f) dB MIN |
| | 10 ≤ f < 20 MHz | 25 dB MIN |
| | 20 ≤ f ≤ 100 MHz | 25 – 8.6 LOG(f/20) dB MIN |
| PSNEXT | 1 ≤ f ≤ 100 MHz | 32.3 – 15 LOG(f/100) dB MIN |
| NEXT | 1 ≤ f ≤ 100 MHz | 35.3 – 15 LOG(f/100) dB MIN |
| PSACRF | 1 ≤ f ≤ 100 MHz | 20.8 – 20 LOG(f/100) dB MIN |
| ACRF | 1 ≤ f ≤ 100 MHz | 23.8 – 20 LOG(f/100) dB MIN |
| INSERTION LOSS | 1 ≤ f ≤ 100 MHz | 1.2*[1.967 √f + 0.023(f) + 0.050/√f] dB MAX |
| DELAY | 1 ≤ f ≤ 100 MHz | 534 + 36/√f ns MAX |
| DELAY SKEW | 1 ≤ f ≤ 100 MHz | <25 ns |



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| | | |
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| DRAWING # | | QWC0033 |
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