QWC0008

1) CONSTRUCTION:

| | | NOM. DIA. |
|---|---|---|
| CONDUCTOR: | 24 AWG 7/32 STRANDED TINNED COPPER | .024" |
| INSULATION: | POLYETHYLENE, .0075" NOM. WALL THICKNESS | .039" |
| CABLE: | (2) COLOR CODED SINGLES TWISTED TOGETHER TO FORM A CABLE CORE. (32 +/- 2 TWISTS EVERY 2 FEET.) | .078" |
| JACKET: | POLYVINYLCHLORIDE, (COLOR, PER CHART 1), .021" NOM. WALL THICKNESS | |
| | OVERALL CABLE DIAMETER | .120" MAX. |

2) PHYSICAL PROPERTIES:

| | |
|---|---|
| TEMPERATURE RATING, MAX. | 60°C & 75°C |
| TEMPERATURE RATING, MIN. | -20°C |
| WT./M', NOM., NET. | 8.0 LBS. |

CHART 1:

| QUABBIN P/N | JACKET COLOR |
|---|---|
| 5100 | BLACK |
| 5102 | RED |
| 5103 | ORANGE |
| 5104 | YELLOW |
| 5105 | GREEN |
| 5106 | BLUE |
| 5107 | VIOLET |
| 5108 | GRAY |
| 5109 | WHITE |
| 5110 | BEIGE |
| 5112 | PINK |

3) ELECTRICAL CHARACTERISTICS:

| | | |
|---|---|---|
| CAPACITANCE, MUTUAL, NOM. | 15 PF/FT. | |
| CHARACTERISTIC IMPEDANCE, NOM. | 100 +/- 15 Ω FROM 1 TO 100 MHz | |
| DIELECTRIC WITHSTANDING, MIN | 1500V RMS | |
| VOLTAGE RATING, MAX. | 300V | |
| D.C. RESISTANCE, MAX. PER ASTM B286 | 26.2 Ω/1000' | |
| INSERTION LOSS | $1 \le f \le 100$ MHz | $1.2[1.967\sqrt{f} + 0.023(f) + 0.050/\sqrt{f}]$ dB MAX |
| RETURN LOSS | $1 \le f < 10$ MHz | $20 + 5\ \mathrm{LOG}(f)$ dB MIN |
| | $10 \le f < 20$ MHz | 25 dB MIN |
| | $20 \le f \le 350$ MHz | $25 - 8.6\ \mathrm{LOG}(f/20)$ dB MIN |

NOTE: ALL TESTING IS CONDUCTED OFF THE REEL.

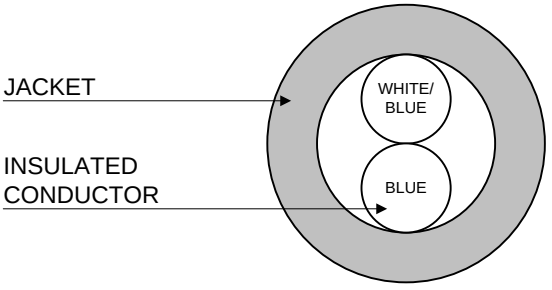
4) AGENCY APPROVALS:
NEC (UL) TYPE CM
CSA TYPE CMG

5) APPLICATION:
RoHS COMPLIANT MATERIALS.

6) PRINT:
QUABBIN DATAMAX 5E 350 MHZ **(P/N PER CHART 1)** (UL) TYPE CM 24 AWG 75C -- CSA LL51726 TYPE CMG 60C -- TIA-568-C.2 CATEGORY 5e -- RoHS -- **(LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)**

7) COLOR CODE:
1. WHITE/BLUE
2. BLUE

8) PACKAGING:
TO BE PACKAGED AS PER QWC'S STANDARD PACKAGING




| | | | |
|---|---|---|---|
| REVISION 02 | DATE: | DRAWN B. Duczynski 12/20/10 | |
| REVISED BY | B. Duczynski 12/01/15 | CHECKED G. Munroe 12/21/10 | QUABBIN® WIRE & CABLE |
| CHECKED | G. Munroe 12/01/15 | CHECKED | TITLE 2/C 24 AWG PE/PVC CABLE -- TYPE CM, CSA CMG |
| CHECKED | | CUSTOMER APPROVAL: DATE: | DRAWING # QWC0008 — 1 OF 1 |