

1) CONSTRUCTION:

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| CONDUCTOR: | 24 AWG 7/32 STRANDED TINNED COPPER | NOM. DIA. | .024" |
| INSULATION: | FOAMED POLYPROPYLENE .023" NOM. WALL THICKNESS | | .070" |
| PAIRS: | COLOR CODED SINGLES TWISTED INTO PAIRS | | .140" |
| SHIELD: | EACH PAIR SHALL BE COVERED WITH AN ALUMINIZED POLYESTER FOIL SHIELD (FOIL IN, 100% COVERAGE) AND CONTAIN A 24 AWG TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE. SHIELDS SHALL BE ISOLATED BY AN EDGE FREE TAPE. | | .143" |
| CABLE: | (2) TWISTED PAIRS TWISTED TOGETHER TO FORM A CABLE CORE. | | .230" |
| JACKET: | POLYVINYLCHLORIDE, CHROME GRAY, .032" NOM. WALL THICKNESS | OVERALL CABLE DIAMETER | .294" |

2) PHYSICAL PROPERTIES:

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| TEMPERATURE RATING, MAX. | 60°C |
| WT./M', NOM., NET. | 32.4 LBS. |

3) ELECTRICAL CHARACTERISTICS:

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| CAPACITANCE, MUTUAL, NOM. | 12.5 PF/FT. |
| CAPACITANCE, GROUNDED, NOM. | 23.2 PF/FT |
| CHARACTERISTIC IMPEDANCE, NOM. | 100 Ω |
| DIELECTRIC WITHSTANDING, MIN | 1500V RMS |
| VOLTAGE RATING, MAX. | 300V |
| D.C. RESISTANCE, MAX. PER ASTM B286 | 26.2 Ω/M' |

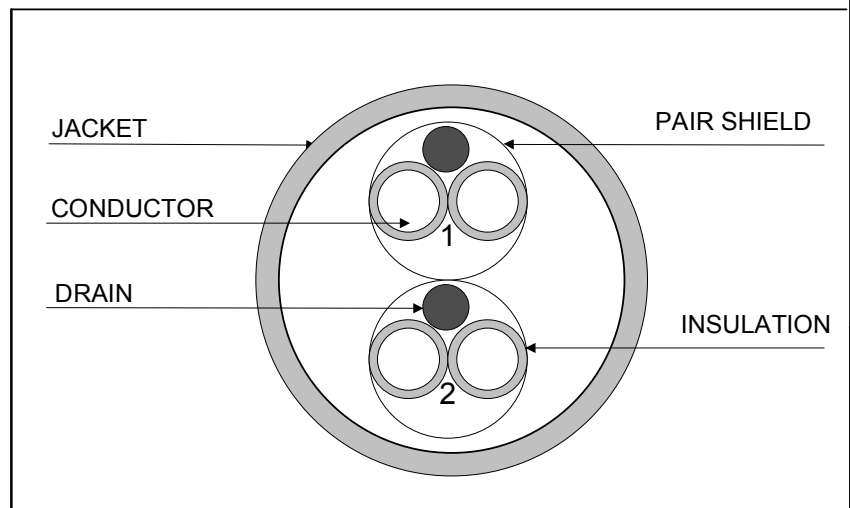
4) AGENCY APPROVALS:
 (UL) AWM STYLE 2448
 NEC (UL) TYPE CM
 CEC C(UL) TYPE CM


5) APPLICATION:
 LOW CAPACITANCE RS-422 COMPUTER INTERCONNECT, EXTENDED DISTANCE CABLE.
 RoHS COMPLIANT MATERIALS.

6) PRINT:
 QUABBIN 8604R TYPE CM (UL) C(UL) 24 AWG SHIELDED OR AWM 2448 -- LOW VOLTAGE COMPUTER CABLE -- RoHS -- **(LOT DESIGNATOR)**

7) COLOR CODE:
 1. BLACK X RED
 2. BLACK X WHITE

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



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| REVISION 06 | DATE: | DRAWN | S. ADDIE 05/26/95 | |
| REVISED BY | <i>B. Duceyuski</i> 2/19/07 | CHECKED | J. RIVERNIDER 05/26/95 |  |
| CHECKED | <i>B. Duceyuski</i> 2/19/07 | CHECKED | M. FERRERO 06/01/95 | |
| CHECKED | | CUSTOMER APPROVAL: | DATE: | TITLE 4/C 2 SHLD PR 24 AWG FPPRO/PVC -- TYPE CM, STYLE 2448, C(UL) CM |
| | | | | QUABBIN P/N 8604 10F 1 |