

1) CONSTRUCTION:

CONDUCTOR:	24 AWG 7/32 TINNED COPPER, STRANDED	NOM. DIA.	.024"
INSULATION:	LOW DENSITY POLYETHYLENE, .015" NOM. WALL THICKNESS		.054" ± .001"
PAIRS:	COLOR CODED SINGLES TWISTED INTO PAIRS		.108"
CABLE:	(12) TWISTED PAIRS PLUS ONE SINGLE TWISTED TOGETHER TO FORM A CABLE CORE		.354"
SHIELDS:	THE CORE SHALL BE COVERED WITH AN ALUMINIZED POLYESTER FOIL SHIELD (FOIL OUT, 100% COVERAGE) AND CONTAIN A 24 AWG STRANDED TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE.		.357"
JACKET:	POLYVINYLCHLORIDE, CHROME GRAY, .032" NOM. WALL THICKNESS	OVERALL CABLE DIAMETER	.431" ± .020" (BY PI TAPE)

2) PHYSICAL PROPERTIES:

TEMPERATURE RATING, MAX.	60°C & 75°C
TEMPERATURE RATING, MIN.	-20 C PER UL SUBJECT 13 (COLD BEND)
WT./M', NOM., NET.	86.9 LBS.

3) ELECTRICAL CHARACTERISTICS:

CAPACITANCE, MUTUAL, NOM.	12.5 PF/FT.
CAPACITANCE, GROUNDED, NOM.	23.0 PF/FT
VELOCITY OF PROPAGATION, NOM.	66%
IMPEDANCE, NOM.	120 Ω
DIELECTRIC WITHSTANDING, MIN.	1500V RMS
VOLTAGE RATING, MAX.	300V
D.C. RESISTANCE, MAX. PER ASTM B286	26.2 Ω

4) AGENCY APPROVALS:
 UL AWM STYLE 2448
 NEC (UL) TYPE CM
 CSA TYPE CMG

5) APPLICATION:
 LOW CAPACITANCE RS-232 COMPUTER INTERCONNECT, EXTENDED DISTANCE CABLE. RoHS COMPLIANT MATERIALS.

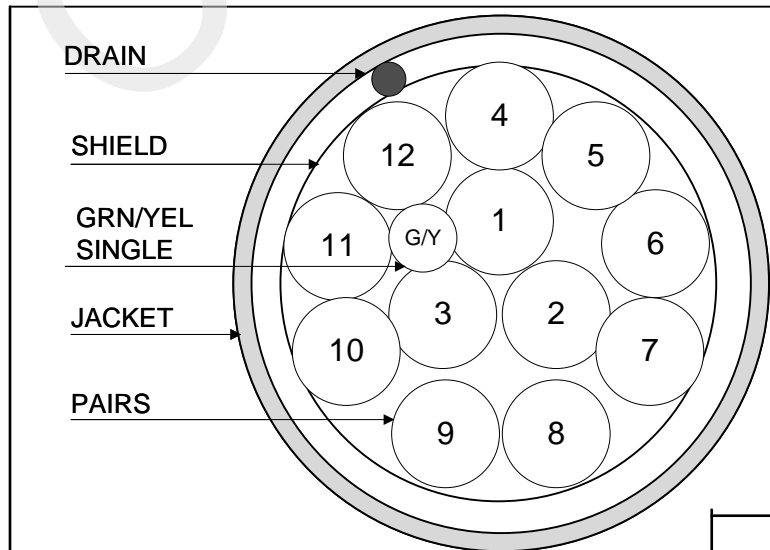
6) PRINT:
 QUABBIN 8525 (UL) TYPE CM 24 AWG 75C OR AWM 2448 -- LOW VOLTAGE COMPUTER CABLE -- CSA LL51726 TYPE CMG 60C -- RoHS -- **(LOT DESIGNATOR)**

7) COLOR CODE:

1. BLACK X BLACK/WHITE
2. WHITE X WHITE/BLACK
3. RED X WHITE/RED
4. GREEN X WHITE/GREEN
5. BROWN X WHITE/BROWN
6. BLUE X WHITE/BLUE
7. ORANGE X WHITE/ORANGE
8. YELLOW X WHITE/YELLOW
9. VIOLET X WHITE/VIOLET
10. GRAY X WHITE/GRAY
11. PINK X WHITE/PINK
12. TAN X WHITE/TAN

SINGLE: GREEN/YELLOW

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



Created 10/25/94	DRAWN: BMD 03/02/23
REV. 08	CHECKED: ZRS 04/20/23



TITLE
 25/C 12 PR. 24 AWG 7/32, LDPE/PVC
 CABLE -- STYLE 2448, TYPE CM

CUSTOMER APPROVAL:

DATE:

QUABBIN P/N	8525	1 of 1
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