

1) CONSTRUCTION:

CONDUCTOR:	24 AWG 7/32 STRANDED TINNED COPPER	NOM. DIA.	.024"
INSULATION:	POLYETHYLENE, .015" NOM. WALL THICKNESS		.054"
PAIRS:	COLOR CODED SINGLES TWISTED INTO A PAIR		.108"
CABLE:	12 TWISTED PAIRS PLUS ONE SINGLE TWISTED TOGETHER TO FORM THE CABLE CORE		.354"
SHIELDS:	AN ALUMINIZED POLYESTER FOIL SHIELD (FOIL OUT, 100% COVERAGE) WITH A 24 AWG STRANDED TINNED COPPER DRAIN WIRE CONTACTING THE METALIZED SURFACE FOR EASY TERMINATION SHALL BE APPLIED TO THE CORE. A SECOND SHIELD OF 34 AWG TINNED COPPER BRAID (65% MINIMUM COVERAGE) SHALL BE APPLIED OVER THE FOIL SHIELD.		.368"
JACKET:	POLYVINYLCHLORIDE, CHROME GRAY, .037" NOM. WALL THICKNESS	OVERALL CABLE DIAMETER	.442"

2) PHYSICAL PROPERTIES:

TEMPERATURE RATING, MAX.	60°C & 75°C
WT./M', NOM., NET.	111.9 LBS.

3) ELECTRICAL CHARACTERISTICS:

CAPACITANCE, MUTUAL	12.0 PF/FT.
CAPACITANCE, GROUNDED	23.0 PF/FT.
DIELECTRIC WITHSTANDING, MIN	1500V RMS
VOLTAGE RATING, MAX.	30V
D.C. RESISTANCE, MAX. PER ASTM B286	26.2 OHMS/M'
CHARACTERISTIC IMPEDANCE, NOM.	120 OHMS

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

5) APPLICATION:  
 LOW CAPACITANCE RS-422 AND RS-485 COMPUTER INTERCONNECT, EXTENDED DISTANCE CABLE. RoHS COMPLIANT MATERIALS.

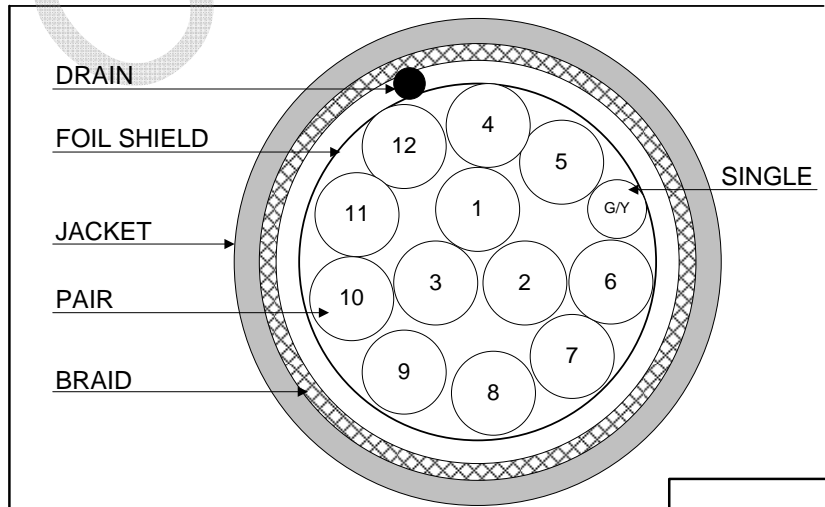
6) PRINT:  
 QUABBIN 8325R (UL) TYPE CM 24 AWG 75C SHIELDED OR AWM 2448 -- LOW VOLTAGE COMPUTER CABLE -- CSA LL51726 TYPE CMG 60C -- RoHS -- (LOT DESIGNATOR)

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 09/13/95	DRAWN: BMD 12/14/11	
REV. 09	CHECKED: GBM 12/14/11	
TITLE 25/C 12.5 PR 24 AWG PE/PVC SHIELDED -- TYPE CM, AWM 2448, CSA TYPE CMG		
QUABBIN P/N	8325	1 of 1

CUSTOMER APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_