

1) CONSTRUCTION:		NOM. DIA.
CONDUCTOR:	24 AWG 7/32 STRANDED TINNED COPPER	.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	.333"
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.	.366"
JACKET:	POLYVINYLCHLORIDE, CHROME GRAY, .037" NOM. WALL THICKNESS	.440"
	OVERALL CABLE DIAMETER	(BY PI TAPE)

2) PHYSICAL PROPERTIES:	
TEMPERATURE RATING, MAX.	60°C & 75°C
TEMPERATURE RATING, MIN.	-20°C
WT./M', NOM., NET.	108.3 LBS.

3) ELECTRICAL CHARACTERISTICS:	
CAPACITANCE, MUTUAL, NOM.	12.0 PF/FT.
CAPACITANCE, GROUNDED, NOM.	23.0 PF/FT.
DIELECTRIC WITHSTANDING, MIN.	1500V RMS
VOLTAGE RATING, MAX.	30V
D.C. RESISTANCE, MAX. PER ASTM B286	26.2 Ω/1,000'
CHARACTERISTIC IMPEDANCE, NOM.	120 Ω

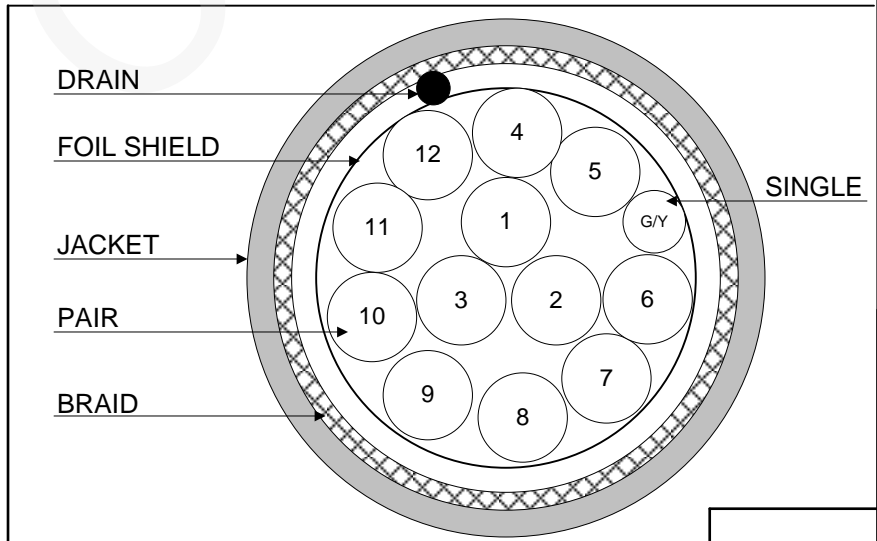
- 4) AGENCY APPROVALS:
- CSA TYPE CMG
  - NEC (UL) TYPE CM
  - UL AWM STYLE 2448

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

6) PRINT:  
 QUABBIN 8325 (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



CUSTOMER APPROVAL:

DATE:

Created 09/13/95	DRAWN: SGH 09/19/19	
REV. 10	CHECKED: ZRS 09/19/19	
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