

1) CONSTRUCTION:

CONDUCTOR:	24 AWG 7/32 STRANDED TINNED COPPER	NOM. DIA.	.024"
INSULATION:	LOW DENSITY POLYETHYLENE, .015" NOM. WALL THICKNESS		.054"
PAIRS:	COLOR CODED SINGLES TWISTED INTO A PAIR		.108"
CABLE:	4 TWISTED PAIRS TWISTED TOGETHER TO FORM A CABLE CORE.		.208"
SHIELDS:	AN OVERALL ALUMINIZED POLYESTER FOIL SHIELD (FOIL OUT, 100% COVERAGE) SHALL BE APPLIED OVER THE CABLE CORE AND SHALL CONTAIN A 24 AWG 7/32 STRANDED TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE FOR EASY TERMINATION. A SECOND SHIELD OF 36 AWG TINNED COPPER BRAID (65% MINIMUM COVERAGE) SHALL BE APPLIED OVER THE FOIL SHIELD.		.234"
JACKET:	POLYVINYLCHLORIDE, CHROME GRAY, .032" NOM. WALL THICKNESS	OVERALL CABLE DIAMETER	.298" (BY PI TAPE)

2) PHYSICAL PROPERTIES:

TEMPERATURE RATING, MAX.	60°C, 75°C & 80°C
TEMPERATURE RATING, MIN.	-20°C
WT./M', NOM., NET.	46.7 LBS.

3) ELECTRICAL CHARACTERISTICS:

CAPACITANCE, MUTUAL, NOM.	13.0 PF/FT.
CAPACITANCE, GROUNDED, NOM.	24.0 PF/FT.
CHARACTERISTIC IMPEDANCE, NOM.	110 Ω
DIELECTRIC WITHSTANDING, MIN.	1500V RMS
VOLTAGE RATING, MAX.	300V
D.C. RESISTANCE, MAX. PER ASTM B286	26.2 Ω/1,000'

4) AGENCY APPROVALS:

- NEC (UL) TYPE CM
- UL AWM STYLE 2448 80C 30V
- CSA TYPE CMG

5) APPLICATION:

LOW CAPACITANCE RS-485 COMPUTER INTERCONNECT, EXTENDED DISTANCE CABLE.  
RoHS COMPLIANT MATERIALS.

6) PRINT:

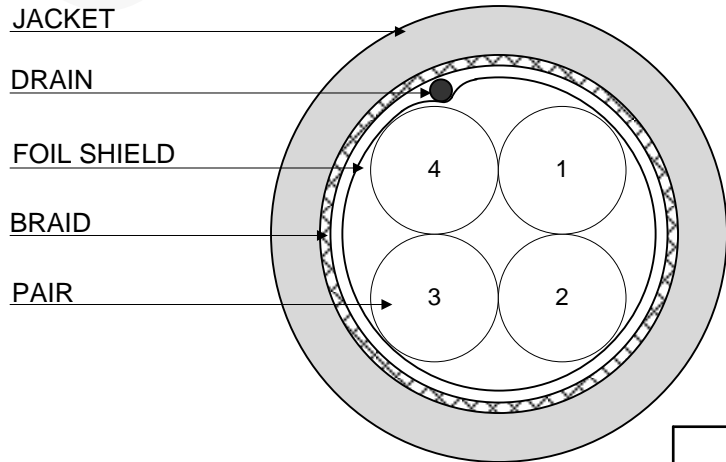
QUABBIN 8308 (UL) TYPE CM 24 AWG 75C SHIELDED OR AWM 2448 -- LOW VOLTAGE COMPUTER CABLE -- CSA LL51726 TYPE CMG 60C -- RoHS -- **(LOT DESIGNATOR)**

7) COLOR CODE:

1. BLACK X BLACK/WHITE
2. WHITE X WHITE/BLACK
3. RED X WHITE/RED
4. GREEN X WHITE/GREEN

8) PACKAGNG:

TO BE PACKAGED AS PER QWC'S STANDARD PACKAGING



CUSTOMER APPROVAL:

DATE:

Created 05/28/96	DRAWN: SGH 05/18/21	
REV. 05	CHECKED: JFR 05/18/21	
TITLE 8/C 4PR 24 AWG PE/PVC SHIELDED -- TYPE CM, AWM 2448, CSA CMG		
QUABBIN P/N	8308	1 of 1