

1) CONSTRUCTION:  
 CONDUCTOR: 24 AWG 7/32 STRANDED TINNED COPPER .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"

2) PHYSICAL PROPERTIES:  
 TEMPERATURE RATING, MAX. 60°C & 75°C  
 WT./M', NOM., NET. 49.6 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'

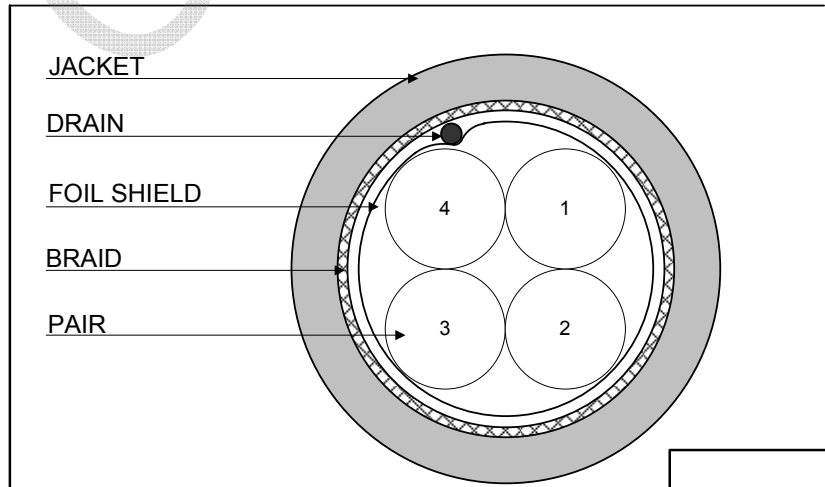
4) AGENCY APPROVALS:  
 CSA TYPE CMG  
 NEC (UL) TYPE CM  
 UL AWM STYLE 2448 60C 30V

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

6) PRINT:  
 QUABBIN 8308R (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



Created 05/28/96	DRAWN: BMD 10/19/11	
REV. 04	CHECKED: GBM 10/19/11	
TITLE 8/C 4PR 24 AWG PE/PVC SHIELDED -- TYPE CM, AWM 2448, CSA CMG		
QUABBIN P/N	8308	1 of 1

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