

1) CONSTRUCTION:		NOM. DIA.
CONDUCTOR:	24 AWG 7/32 TINNED COPPER, STRANDED	.024"
INSULATION:	LOW DENSITY POLYETHYLENE, .015" NOM. WALL THICKNESS	.054"
PAIRS:	COLOR CODED SINGLES TWISTED INTO PAIRS	.108"
CABLE:	(9) TWISTED PAIRS TWISTED TOGETHER TO FORM A CABLE CORE	.302"
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 OVER THE CABLE CORE. A SECOND SHIELD OF 34 AWG TINNED COPPER BRAID (65% MINIMUM COVERAGE) SHALL BE APPLIED OVER THE FOIL SHIELD.	.335"
JACKET:	POLYVINYLCHLORIDE, CHROME GRAY, .032" NOM. WALL THICKNESS	OVERALL CABLE DIAMETER .399" (BY PI TAPE)

2) PHYSICAL PROPERTIES:	
TEMPERATURE RATING, MAX.	60°C & 75°C
TEMPERATURE RATING, MIN.	-20°C
WT./M', NOM., NET.	81.8 LBS.

3) ELECTRICAL CHARACTERISTICS:	
CAPACITANCE, MUTUAL, NOM.	12.5 PF/FT.
CAPACITANCE, GROUNDED, NOM.	21.5 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/1,000'
CHARACTERISTIC IMPEDANCE, NOM.	120 Ω

- 4) AGENCY APPROVALS:
 UL AWM STYLE 2448 60C 30V
 NEC (UL) TYPE CM 75C
 CSA TYPE CMG

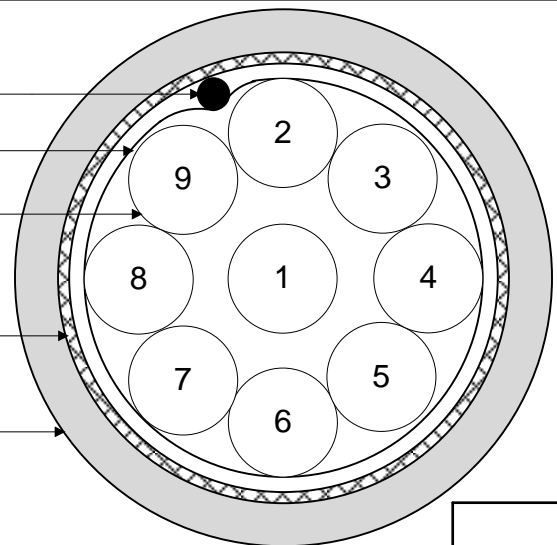
- 5) APPLICATION:
 LOW CAPACITANCE RS-422 AND RS-485 COMPUTER INTERCONNECT, EXTENDED DISTANCE CABLE.
 RoHS COMPLIANT MATERIALS.

- 6) PRINT:
 QUABBIN 8318 (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

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

DRAIN
 SHIELD
 PAIRS
 BRAID
 JACKET



Created 02/09/95	DRAWN: SGH 03/03/21	
REV. 06	CHECKED: ZRS 03/05/21	
TITLE 18/C 9 PR. 24 AWG, LDPE/PVC SHIELDED -- TYPE CM, AWM 2448, CSA TYPE CMG		
QUABBIN P/N	8318	1 of 1

CUSTOMER APPROVAL:

DATE: