

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 PAIRS		.108"
CABLE:	(6) TWISTED PAIRS TWISTED TOGETHER TO FORM A CABLE CORE.		.240"
SHIELD:	ALUMINIZED POLYESTER FOIL SHIELD (FOIL OUT, 100% COVERAGE) WITH A 24 AWG 7/32 STRANDED TINNED COPPER DRAIN WIRE CONTACTING THE METALIZED SURFACE FOR EASY TERMINATION. A SECOND SHIELD OF 34 AWG TINNED COPPER BRAID (65% MINIMUM COVERAGE) SHALL BE APPLIED OVER THE FOIL SHIELD.		.266"
JACKET:	POLYVINYLCHLORIDE, CHROME GRAY, .032" NOM. WALL THICKNESS	OVERALL CABLE DIAMETER	.330"

2) PHYSICAL PROPERTIES:

TEMPERATURE RATING, MAX.	60°C & 75°C
WT./M', NOM., NET.	63.9 LBS.

3) ELECTRICAL CHARACTERISTICS:

CAPACITANCE, MUTUAL	12.8 PF/FT.
CAPACITANCE, GROUNDED	23.6 PF/FT.
DIELECTRIC WITHSTANDING, MIN	1500V RMS
VOLTAGE RATING, MAX.	300V
D.C. RESISTANCE, MAX. PER ASTM B286	26.2 Ω/M'
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 COMPUTER INTERCONNECT, EXTENDED DISTANCE CABLE.
RoHS COMPLIANT MATERIALS.

6) PRINT:

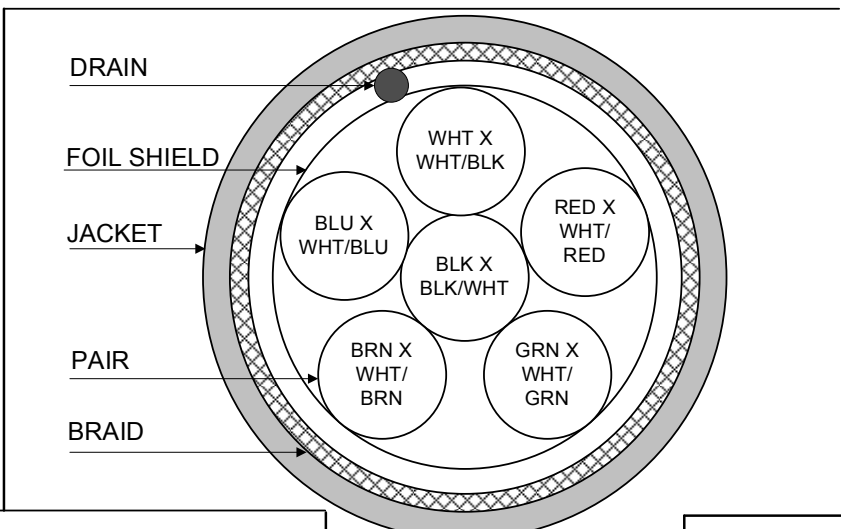
QUABBIN 8312R (UL) TYPE CM 24 AWG 75C SHIELDED OR AWM 2448 -- LOW VOLTAGE COMPUTER CABLE --
CSA LL51726 TYPE CMG 60C -- RoHS -- **(LOT DESIGNATOR)**

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

8) PACKAGING:

TO BE PACKAGED AS PER QWC'S
STANDARD PACKAGING



REVISION 05	DATE:	DRAWN J. RIVERNIDER 01/25/95	
REVISED BY	<i>B. Duceyuski</i> 4/9/07	CHECKED G. MELNIK 01/25/95	
CHECKED	<i>J. Rivernider</i> 4/13/07	CHECKED	
CHECKED		CUSTOMER APPROVAL:	DATE:
			TITLE 12/C 6PR 24 AWG LDPE/PVC SHIELDED -- TYPE CM, AWM 2448, CSA CMG
		QUABBIN P/N	8312 1 OF 1