

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:	(5) TWISTED PAIRS TWISTED TOGETHER TO FORM A CABLE CORE		.251"
SHIELDS:	THE CORE SHALL BE COVERED WITH AN ALUMINIZED POLYESTER FOIL SHIELD (FOIL OUT, 100% COVERAGE) AND CONTAIN A 24 AWG 7/32 STRANDED TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE.		.254"
JACKET:	POLYVINYLCHLORIDE, CHROME GRAY, .032" NOM. WALL THICKNESS	OVERALL CABLE DIAMETER	.318"

2) PHYSICAL PROPERTIES:

TEMPERATURE RATING, MAX.	60°C & 75°C
TEMPERATURE RATING, MIN.	-20°C PER UL SUBJECT 13 (COLD BEND)
WT./M', NOM., NET.	45.3 LBS.

3) ELECTRICAL CHARACTERISTICS:

CAPACITANCE, MUTUAL, NOM.	12.8 PF/FT.
CAPACITANCE, GROUNDED, NOM.	23.6 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/1000'

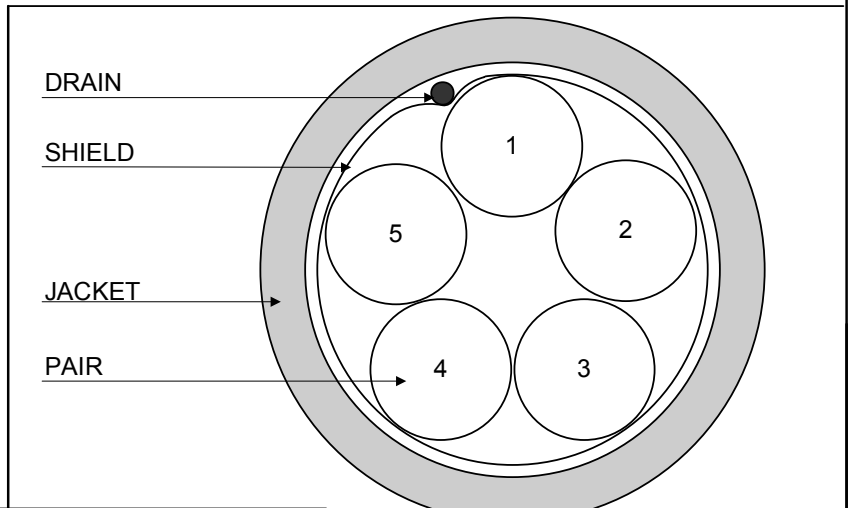
4) AGENCY APPROVALS:
 UL AWM STYLE 2448 60C 30V
 NEC (UL) TYPE CM
 CSA TYPE CMG


5) APPLICATION:
 LOW CAPACITANCE RS-232 COMPUTER INTERCONNECT, EXTENDED DISTANCE CABLE.
 RoHS COMPLIANT MATERIALS.

6) PRINT:
 QUABBIN 8510R (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

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



REVISION 04	DATE:	DRAWN B. M. DUCZYNSKI 9/12/03	
REVISED BY	<i>B. Duczynski</i> 8/24/07	CHECKED J. RIVERNIDER 9/12/03	
CHECKED	<i>J. Riverner</i> 8/30/07	CHECKED	
CHECKED		CUSTOMER APPROVAL: DATE:	
			TITLE 10/C 5 PR. 24 AWG 7/32 TC, LDPE/PVC CABLE, SHIELDED -- STYLE 2448, TYPE CM, CSA CMG
			QUABBIN P/N 8510 1 OF 1