

1) CONSTRUCTION:		NOM. DIA.
CONDUCTOR:	24 AWG 7/32 STRANDED TINNED COPPER	.024"
INSULATION:	FOAMED POLYPROPYLENE .023" NOM. WALL THICKNESS	.070"
PAIRS:	COLOR CODED SINGLES TWISTED INTO PAIRS	.140"
SHIELD:	EACH PAIR SHALL BE COVERED WITH AN ALUMINIZED POLYESTER FOIL SHIELD (FOIL IN, 100% COVERAGE) AND CONTAIN A 24 AWG TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE. SHIELDS SHALL BE ISOLATED BY AN EDGE FREE TAPE.	.143"
CABLE:	(2) TWISTED PAIRS TWISTED TOGETHER TO FORM A CABLE CORE.	.230"
JACKET:	POLYVINYLCHLORIDE, CHROME GRAY, .032" NOM. WALL THICKNESS	
	OVERALL CABLE DIAMETER	.294" (BY PI TAPE)
	(NOM. O.D. ACROSS WIDEST CROSS SECTION)	.350"

2) PHYSICAL PROPERTIES:	
TEMPERATURE RATING, MAX.	60°C
TEMPERATURE RATING, MIN.	-20°C
WT./M', NOM., NET.	31.7 LBS.

3) ELECTRICAL CHARACTERISTICS:	
CAPACITANCE, MUTUAL, NOM.	12.5 PF/FT.
CAPACITANCE, GROUNDED, NOM.	23.2 PF/FT
CHARACTERISTIC IMPEDANCE, NOM.	100 Ω
DIELECTRIC WITHSTANDING, MIN	1500V RMS
VOLTAGE RATING, MAX.	300V
D.C. RESISTANCE, MAX. PER ASTM B286	26.2 Ω/1,000'

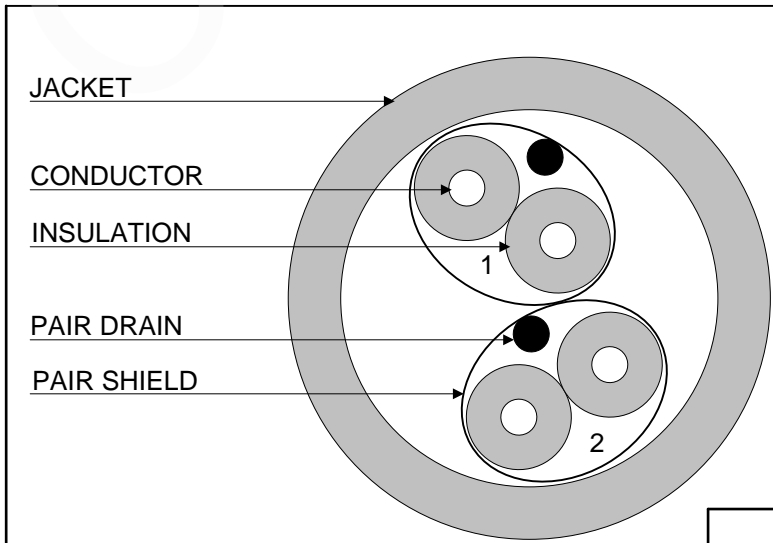
- 4) AGENCY APPROVALS:
 UL AWM STYLE 2448
 NEC (UL) TYPE CM
 CEC C(UL) TYPE CM

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

6) PRINT:
 QUABBIN 8604 TYPE CM C(UL)US 24 AWG SHIELDED OR AWM 2448 -- LOW VOLTAGE COMPUTER CABLE -- RoHS --
(LOT DESIGNATOR)

- 7) COLOR CODE:
 1. BLACK X RED
 2. BLACK X WHITE

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



CUSTOMER APPROVAL:

DATE:

Created 05/26/95	DRAWN: BMD 05/18/21	
REV. 08	CHECKED: JFR 05/18/21	
TITLE 4/C (2 PR) 24 AWG FPPRO/PVC SHIELDED CABLE-- TYPE CM C(UL)US, STYLE 2448		
QUABBIN P/N	8604	1 of 1