

1) CONSTRUCTION:

CONDUCTOR:	24 AWG 7/32 STRANDED TINNED COPPER	NOM. DIA.	.024"
INSULATION:	HIGH DENSITY POLYETHYLENE, .011" NOM. WALL THICKNESS		.046"
PAIRS:	COLOR CODED SINGLES TWISTED INTO PAIRS		.092"
CABLE:	(12) TWISTED PAIRS TWISTED TOGETHER TO FORM A CABLE CORE.		.299"
SHIELD:	AN OVERALL ALUMINUM POLYESTER FOIL SHIELD (FOIL OUT, 100% COVERAGE) SHALL BE APPLIED OVER THE CABLE CORE. A 24 AWG STRANDED TINNED COPPER DRAIN WIRE SHALL BE INCLUDED WITH THE SHIELD. A SECOND SHIELD OF 36 AWG TINNED COPPER BRAID 65% MINIMUM COVERAGE SHALL BE APPLIED OVER THE FOIL SHIELD.		.325"
JACKET:	POLYVINYLCHLORIDE, CHROME GRAY, .035" NOM. WALL THICKNESS.		.395"
	OVERALL CABLE DIAMETER		

2) PHYSICAL PROPERTIES:

TEMPERATURE RATING, MAX.	60°C & 80°C
TEMPERATURE RATING, MIN.	-20°C
WT./M', NOM., NET.	86.7 LBS.

3) ELECTRICAL CHARACTERISTICS:

CAPACITANCE, MUTUAL, NOM.	15.5 PF/FT.
CAPACITANCE, GROUNDED, NOM.	27.5 PF/FT.
CHARACTERISTIC IMPEDANCE, NOM.	100 Ω
DIELECTRIC WITHSTANDING, MIN VOLTAGE RATING, MAX.	1500V RMS
	300V
D.C. RESISTANCE, MAX. PER ASTM B286	26.2 Ω/1000'

4) AGENCY APPROVALS:

- NEC (UL) TYPE CM
- UL AWM STYLE 2919
- CSA TYPE CMG

5) APPLICATION:

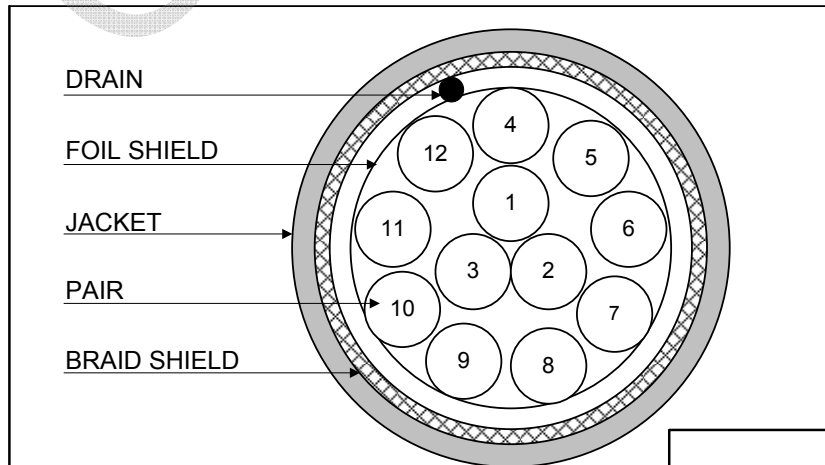
MID CAPACITANCE RS-422 COMPUTER INTERCONNECT, EXTENDED DISTANCE CABLE.
RoHS COMPLIANT MATERIALS.

6) PRINT:

QUABBIN 8824 (UL) TYPE CM 24 AWG SHIELDED OR AWM 2919 -- LOW VOLTAGE COMPUTER CABLE -- CSA LL51726 TYPE CMG -- RoHS -- **(LOT DESIGNATOR)**

7) COLOR CODE:

1. BLACK X RED
2. BLACK X WHITE
3. BLACK X GREEN
4. BLACK X BLUE
5. BLACK X YELLOW
6. BLACK X BROWN
7. BLACK X ORANGE
8. RED X WHITE
9. RED X GREEN
10. RED X BLUE
11. RED X YELLOW
12. RED X BROWN



8) PACKAGING:

TO BE PACKAGED AS PER QWC'S STANDARD PACKAGING

CUSTOMER APPROVAL:

DATE:

Created 7/9/97	DRAWN: BMD 12/13/12	
REV. 02	CHECKED: GBM 12/14/12	
TITLE 24/C 12PR 24 AWG PE/PVC SHIELDED -- TYPE CM, STYLE 2919, CSA TYPE CMG		
QUABBIN P/N	8824	1 of 1