

50007

1) CONSTRUCTION:		NOM. DIA.
CONDUCTOR:	24 AWG 7/32 STRANDED TINNED COPPER	.024"
INSULATION:	SEMI-RIGID POLYVINYLCHLORIDE, .010" NOM. WALL THICKNESS	.044"
PAIRS:	COLOR CODED SINGLES TWISTED INTO PAIRS	.088"
CABLE:	(25) TWISTED PAIRS TWISTED TOGETHER TO FORM A CABLE CORE.	.401"
SHIELD:	AN OVERALL ALUMINIZED POLYESTER FOIL SHIELD (FOIL OUT, 100% COVERAGE) SHALL BE APPLIED OVER THE CABLE CORE. A SECOND SHIELD OF 34 AWG TINNED COPPER BRAID (65% COVERAGE) SHALL BE APPLIED OVER THE FOIL SHIELD.	.434"
JACKET:	POLYVINYLCHLORIDE, CHROME GRAY, .055" NOM. WALL THICKNESS	.544"
	OVERALL CABLE DIAMETER	

2) PHYSICAL PROPERTIES:	
TEMPERATURE RATING, MAX.	75°C & 80°C
TEMPERATURE RATING, MIN.	-30°C
WT./M', NOM., NET.	190.3 LBS.

3) ELECTRICAL CHARACTERISTICS:	
CAPACITANCE, MUTUAL, NOM.	30 PF/FT.
CAPACITANCE, GROUNDED, NOM.	50 PF/FT.
DIELECTRIC WITHSTANDING, MIN	1500V RMS
VOLTAGE RATING, MAX.	300 V
CHARACTERISTIC IMPEDANCE, NOM.	75 Ω
VELOCITY OF PROPAGATION, NOM.	60%
D.C. RESISTANCE, MAX. PER ASTM B286	26.2 Ω/1,000' (AT 20°C)
OUTER SHIELD D.C. RESISTANCE, NOM	2.5 Ω/1,000' (AT 20°C)

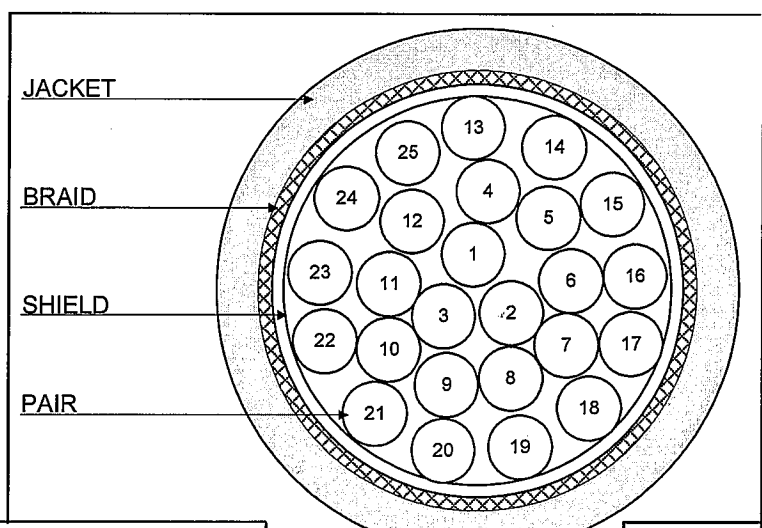
4) AGENCY APPROVALS:  
 NEC (UL) TYPE CM  
 (UL) STYLE 2464  
 CSA TYPE CMG

5) APPLICATION:  
 RS-232 COMPUTER INTERCONNECT, CAD/CAM APPLICATIONS. RoHS COMPLIANT MATERIALS.

6) PRINT:  
 QUABBIN 50007 (UL) TYPE CM 24 AWG SHIELDED 75C OR AWM 2464 -- CSA LL51726 TYPE CMG 75C -- RoHS -- (LOT DESIGNATOR)

- 7) COLOR CODE:
- |                       |                       |
|-----------------------|-----------------------|
| 1. WHT/BLU X BLU/WHT  | 14. BLK/BRN X BRN/BLK |
| 2. WHT/ORG X ORG/WHT  | 15. BLK/GRY X GRY/BLK |
| 3. WHT/GRN X GRN/WHT  | 16. YEL/BLU X BLU/YEL |
| 4. WHT/BRN X BRN/WHT  | 17. YEL/ORG X ORG/YEL |
| 5. WHT/GRY X GRY/WHT  | 18. YEL/GRN X GRN/YEL |
| 6. RED/BLU X BLU/RED  | 19. YEL/BRN X BRN/YEL |
| 7. RED/ORG X ORG/RED  | 20. YEL/GRY X GRY/YEL |
| 8. RED/GRN X GRN/RED  | 21. VIO/BLU X BLU/VIO |
| 9. RED/BRN X BRN/RED  | 22. VIO/ORG X ORG/VIO |
| 10. RED/GRY X GRY/RED | 23. VIO/GRN X GRN/VIO |
| 11. BLK/BLU X BLU/BLK | 24. VIO/BRN X BRN/VIO |
| 12. BLK/ORG X ORG/BLK | 25. VIO/GRY X GRY/VIO |
| 13. BLK/GRN X GRN/BLK |                       |

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



REVISION 02	DATE:	DRAWN B. Duceyuski 1/28/09	
REVISED BY	B. Duceyuski 2/4/09	CHECKED G. Munro 01/28/09	
CHECKED	G. Munro 02/04/09	CHECKED	
CHECKED		CUSTOMER APPROVAL: DATE: 9-8-09	TITLE
			50/C 25 PR 24 AWG PVC/PVC SHLD CABLE -- TYPE CM, STYLE 2464, CSA TYPE CMG
			QUABBIN P/N 50007 1 OF 1

ACT# 1018261