

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:	(3) TWISTED PAIRS TWISTED TOGETHER WITH TO FORM A CABLE CORE.		.168"
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		.171"
JACKET:	POLYVINYLCHLORIDE, CHROME GRAY, .032" NOM. WALL THICKNESS		
	OVERALL CABLE DIAMETER		.235"

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.	28.6 LBS.

3) ELECTRICAL CHARACTERISTICS:

CAPACITANCE, MUTUAL, NOM.	13.5 PF/FT.
CAPACITANCE, GROUNDED, NOM.	25 PF/FT.
CHARACTERISTIC IMPEDANCE, NOM.	110 Ω
DIELECTRIC WITHSTANDING, MIN.	1500V RMS
VOLTAGE RATING, MAX.	300V
D.C. RESISTANCE, MAX. PER ASTM B286	26.2 Ω/1000'

4) AGENCY APPROVALS:

NEC (UL) TYPE CM
UL AWM STYLE 2448
CSA TYPE CMG

5) APPLICATION:

LOW CAPACITANCE RS-232 COMPUTER INTERCONNECT, EXTENDED DISTANCE CABLE.
RoHS COMPLIANT MATERIALS.

6) PRINT:

QUABBIN 8506 (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

8) PACKAGING:

TO BE PACKAGED AS PER QWC'S
STANDARD PACKAGING

DRAIN

FOIL SHIELD

PAIR

JACKET

BLACK X
BLACK/
WHITERED X
WHITE/REDWHITE X
WHITE/
BLACKCreated
01/05/95

DRAWN: SGH 05/24/18

REV. 10 CHECKED: ZRS 05/24/18

TITLE

6/C 3 PR. 24 AWG LDPE/PVC SHIELDED
-- TYPE CM, AWM 2448, CSA CMG

QUABBIN P/N

8506

1 of 1

CUSTOMER APPROVAL:

DATE: