

0357

1) CONSTRUCTION:		NOM. DIA.
CONDUCTOR:	22 AWG 7/30 STRANDED TINNED COPPER	.030"
INSULATION:	LOW DENSITY POLYETHYLENE, .022" NOM. WALL THICKNESS	.074" ± .001"
PR. SHIELD:	AN ALUMINIZED POLYESTER FOIL SHIELD (FOIL IN, 100% COVERAGE) SHALL BE APPLIED OVER (2) INSULATED CONDUCTORS AND SHALL CONTAIN A 22 AWG STRANDED TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE.	.151"
CABLE:	(1) SHIELDED PAIR AND (1) CONDUCTOR TWISTED TOGETHER WITH A LEFT HAND LAY ON A COMMON AXIS TO FORM A CABLE CORE.	.162"
BRAID:	AN OVERALL SHIELD OF 36 AWG TINNED COPPER BRAID (70% MINIMUM COVERAGE), SHALL BE APPLIED OVER THE CABLED CORE.	.185"
JACKET:	POLYVINYLCHLORIDE, CHROME GRAY, .032" NOM. WALL THICKNESS	.249" NOM. ± .010"
	OVERALL CABLE DIAMETER	(BY PI TAPE)

2) PHYSICAL PROPERTIES:	
TEMPERATURE RATING, MAX.	75° C & 80°C
TEMPERATURE RATING, MIN.	-20°C
WT./M', NOM., NET.	36.9 LBS.

3) ELECTRICAL CHARACTERISTICS:	
CAPACITANCE, MUTUAL, NOM.	18 PF/FT
CAPACITANCE, GROUNDED, NOM.	33 PF/FT
DIELECTRIC WITHSTANDING, MIN.	1500V RMS
VOLTAGE RATING, MAX.	300V
D.C. RESISTANCE, MAX. PER ASTM B286.	16.7 Ω

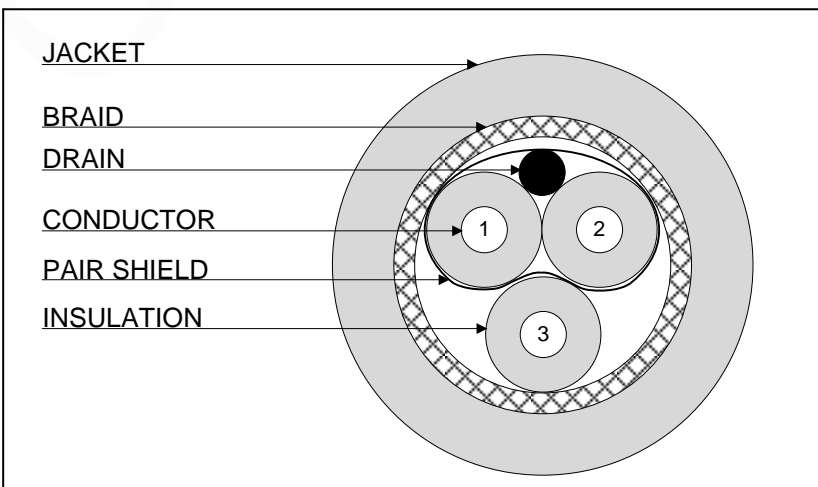
- 4) AGENCY APPROVALS:
- NEC (UL) TYPE CM
 - CEC C(UL) TYPE CM
 - UL AWM STYLE 2448 80C 30V

5) APPLICATION:
 LOW CAPACITANCE RS-422 AND RS-485 COMPUTER INTERCONNECT, EXTENDED DISTANCE CABLE.
 RoHS COMPLIANT MATERIALS.

6) PRINT:
 QUABBIN P/N 0357 3/C 22 AWG SHIELDED C(UL)US CM 75C OR AWM 2448 -- RoHS -- **(LOT DESIGNATOR)**

- 7) COLOR CODE:
- SHIELDED PAIR:
 - 1. BLACK X 2. BLACK/WHITE
 - SINGLE CONDUCTOR:
 - 3. GREEN

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



CUSTOMER APPROVAL:

DATE:

Created 10/27/21	DRAWN: BMD 10/27/21	
REV. 01	CHECKED: JFR 11/1/21	
TITLE 3/C 22 AWG PE/PVC CABLE, 1 PR SHIELDED -- TYPE CM, STYLE 2448		
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