

0356

1) CONSTRUCTION:

CONDUCTOR:	24 AWG 7/32 STRANDED TINNED COPPER	NOM. DIA.	.024"
INSULATION:	LOW DENSITY POLYETHYLENE, .018" NOM. WALL THICKNESS		.060" ± .001"
PR. SHIELD:	AN ALUMINIZED POLYESTER FOIL SHIELD (FOIL IN, 100% COVERAGE) SHALL BE APPLIED OVER (2) INSULATED CONDUCTORS AND SHALL CONTAIN A 24 AWG STRANDED TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE.		.123"
CABLE:	(1) SHIELDED PAIR AND (1) CONDUCTOR TWISTED TOGETHER WITH A LEFT HAND LAY ON A COMMON AXIS TO FORM A CABLE CORE.		.132"
BRAID:	AN OVERALL SHIELD OF 36 AWG TINNED COPPER BRAID (70% MINIMUM COVERAGE), SHALL BE APPLIED OVER THE CABLED CORE.		.155"
JACKET:	POLYVINYLCHLORIDE, CHROME GRAY, .032" NOM. WALL THICKNESS	OVERALL CABLE DIAMETER	.219" NOM. ± .010" (BY PI TAPE)

2) PHYSICAL PROPERTIES:

TEMPERATURE RATING, MAX.	75° C & 80°C
TEMPERATURE RATING, MIN.	-20°C
WT./M', NOM., NET.	28.4 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.	26.2 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 0356 3/C 24 AWG SHIELDED C(UL)US CM 75C OR AWM 2448 -- RoHS -- **(LOT DESIGNATOR)**

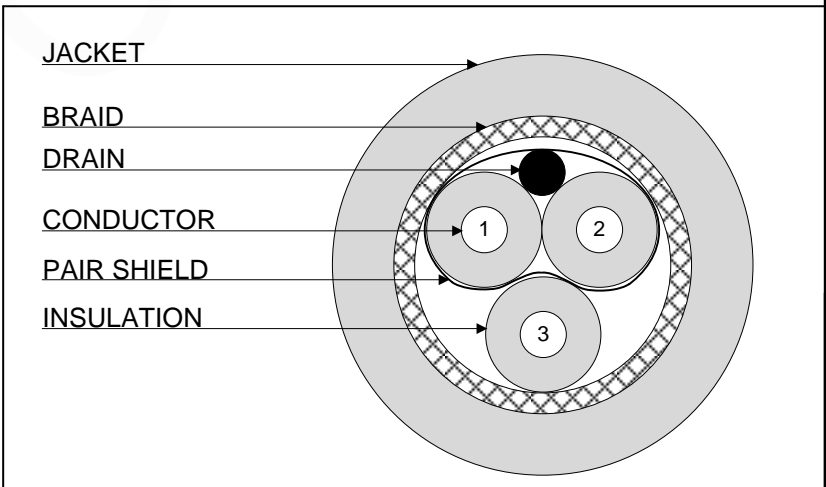
7) COLOR CODE:

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 12/16/21	
REV. 02	CHECKED: ZRS 12/16/21	
TITLE 3/C 24 AWG PE/PVC CABLE, 1 PR SHIELDED -- TYPE CM, STYLE 2448		
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