1) CONSTRUCTION:

		NOM. DIA.
CONDUCTOR:	16 AWG 7/.0192 STRANDED BARE COPPER	.059"
INSULATION:	POLYVINYLCHLORIDE, .016" NOM. WALL THICKNESS	.091"
PAIR:	(2) INSULATED COLOR CODED SINGLES TWISTED TOGETHER TO FORM A PAIR	.182"
COMMUNICATION WIRE:		
CONDUCTOR:	22 AWG 7/30 STRANDED TINNED COPPER	.030"
INSULATION:	POLYVINYLCHLORIDE, ORANGE, .016" NOM. WALL THICKNESS	.062"
CABLE:	(2) PAIRS AND (1) COMMUNICATION WIRE TWISTED TOGETHER TO FORM A CABLE CORE	.291"
SHIELD:	AN OVERALL ALUMINIZED POLYESTER FOIL SHIELD (FOIL OUT, 100% COVERAGE) SHALL BE APPLIED OVER THE CABLE CORE AND INCLUDE A 18 AWG 16/30 STRANDED TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE FOR EASY TERMINATION	.294"
JACKET:	POLYVINYLCHLORIDE, BLACK, .042" NOM. WALL THICKNESS	
	OVERALL CABLE DIAMETER	.378" (BY PI TAPE)

2) PHYSICAL PROPERTIES:

TEMPERATURE RATING, MAX.	80°C & 105°C
TEMPERATURE RATING, MIN.	-40°C
WT./M', NOM., NET.	77.4 LBS.
JACKET IS SUNLIGHT RESISTANT	

3) ELECTRICAL CHARACTERISTICS:

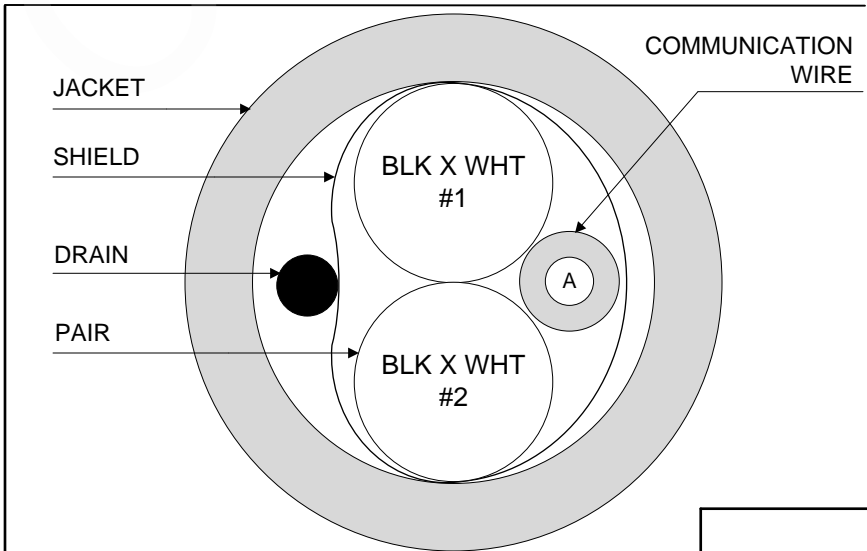|	
CAPACITANCE, MUTUAL, NOM.	28 PF/FT.
CAPACITANCE, GROUNDED, NOM.	51 PF/FT.
DIELECTRIC WITHSTANDING, MIN.	2000V RMS
VOLTAGE RATING, MAX.	300V
D.C. RESISTANCE, MAX.	4.15 Ω/1,000'

4) AGENCY APPROVALS:

NEC (UL) TYPE PLTC
NEC (UL) TYPE ITC
NEC (UL) TYPE CM
CEC C(UL) TYPE CM
UL AWM STYLE 2464

5) APPLICATION:

PROCESS SYSTEM INTERCONNECT. POWER LIMITED TRAY CABLE, INSTRUMENTATION TRAY CABLE. CLASS 3 CIRCUITS. RoHS COMPLIANT MATERIALS.

6) PRINT: (WHITE INK)

QUABBIN P/N 0350 (UL) TYPE PLTC OR ITC 16 AWG SHIELDED 105C SUN RES OR C(UL)US TYPE CM OR AWM 2464 -- RoHS -- (**LOT DESIGNATOR)**

7) COLOR CODE:

EACH PAIR: BLACK X WHITE
PAIRS NUMBERED #1 TO #2
WHITE INK ON BLACK CONDUCTORS
BLACK INK ON ALL OTHER CONDUCTORS
A. ORANGE

8) PACKAGING:

TO BE PACKAGED AS PER QWC'S STANDARD PACKAGING

JACKET
SHIELD
DRAIN
PAIR
COMMUNICATION WIRE
BLK X WHT #1
BLK X WHT #2
A

CUSTOMER APPROVAL: **DATE:**

Created 03/25/21	DRAWN: SGH 03/25/21
REV. 01	CHECKED: ZRS 03/29/21

QUABBIN® **WIRE & CABLE**

TITLE
2 PR (4/C) 16 AWG SHIELDED CABLE -- TYPE PLTC, TYPE ITC, C(UL)US TYPE CM, STYLE 2464

QUABBIN P/N	0350	1 of 1