

1) CONSTRUCTION:		NOM. DIA.
CONDUCTOR:	18 AWG 7/.0152 STRANDED BARE COPPER	.046"
INSULATION:	POLYVINYLCHLORIDE, .016" NOM. WALL THICKNESS	.078"
PAIR:	(2) INSULATED COLOR CODED SINGLES TWISTED TOGETHER TO FORM A PAIR	.156"
COMMUNICATION WIRE:		
CONDUCTOR:	22 AWG 7/30 STRANDED TINNED COPPER	.030"
INSULATION:	POLYVINYLCHLORIDE, ORANGE, .016" NOM. WALL THICKNESS	.062"
CABLE:	(8) PAIRS AND (1) COMMUNICATION WIRE TWISTED TOGETHER TO FORM A CABLE CORE	.428"
SHIELD:	AN OVERALL ALUMINIZED POLYESTER FOIL SHIELD (FOIL OUT, 100% COVERAGE) SHALL BE APPLIED OVER THE CABLE CORE AND INCLUDE A 20 AWG 7/28 STRANDED TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE FOR EASY TERMINATION	.431"
JACKET:	POLYVINYLCHLORIDE, BLACK, .052" NOM. WALL THICKNESS	.535"
	OVERALL CABLE DIAMETER	(BY PI TAPE)

2) PHYSICAL PROPERTIES:	
TEMPERATURE RATING, MAX.	80°C & 105°C
TEMPERATURE RATING, MIN.	-40°C
WT./M', NOM., NET.	166 LBS.
JACKET IS SUNLIGHT RESISTANT	

3) ELECTRICAL CHARACTERISTICS:	
CAPACITANCE, MUTUAL, NOM.	22 PF/FT.
CAPACITANCE, GROUNDED, NOM.	41 PF/FT.
DIELECTRIC WITHSTANDING, MIN.	2000V RMS
VOLTAGE RATING, MAX.	300V
D.C. RESISTANCE, MAX.	6.64 Ω/1,000'

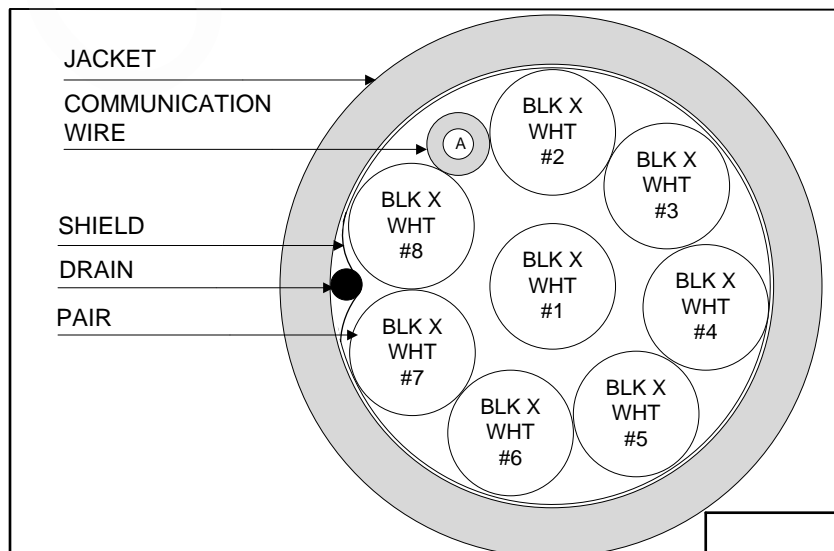
- 4) AGENCY APPROVALS:
- NEC (UL) TYPE PLTC
 - NEC (UL) TYPE ITC
 - NEC (UL) TYPE CM
 - CEC C(UL) TYPE CM
 - UL AWM STYLE 2464

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 0331 (UL) TYPE PLTC OR ITC 18 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 #8
 WHITE INK ON BLACK CONDUCTORS
 BLACK INK ON ALL OTHER CONDUCTORS
 A. ORANGE

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



CUSTOMER APPROVAL:

DATE:

Created 08/24/20	DRAWN: SGH 03/23/21	
REV. 02	CHECKED: ZRS 03/25/21	
TITLE 8 PR (16/C) 18 AWG SHIELDED CABLE -- TYPE PLTC, TYPE ITC, C(UL)US TYPE CM, STYLE 2464		
QUABBIN P/N	0331	1 of 1