

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"
PAIR SHIELD:	AN ALUMINIZED POLYESTER FOIL SHIELD (FOIL IN, 100% COVERAGE) SHALL BE APPLIED OVER EACH PAIR AND SHALL CONTAIN A 20 AWG 7/28 STRANDED TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE FOR EASY TERMINATION	.161"
COMMUNICATION WIRE:		
CONDUCTOR:	22 AWG 7/30 STRANDED TINNED COPPER	.030"
INSULATION:	POLYVINYLCHLORIDE, ORANGE, .016" NOM. WALL THICKNESS	.062"
CABLE:	(8) SHIELDED PAIRS AND (1) COMMUNICATION WIRE TWISTED TOGETHER TO FORM A CABLE CORE	.512"
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	.515"
JACKET:	POLYVINYLCHLORIDE, BLACK, .062" NOM. WALL THICKNESS	
	OVERALL CABLE DIAMETER	.639" (BY PI TAPE)

2) PHYSICAL PROPERTIES:	
TEMPERATURE RATING, MAX.	80°C & 105°C
TEMPERATURE RATING, MIN.	-40°C
WT./M', NOM., NET.	221 LBS.
JACKET IS SUNLIGHT RESISTANT	

3) ELECTRICAL CHARACTERISTICS:	
CAPACITANCE, MUTUAL, NOM.	33 PF/FT.
CAPACITANCE, GROUNDED, NOM.	62 PF/FT.
DIELECTRIC WITHSTANDING, MIN.	2000V RMS
VOLTAGE RATING, MAX.	300V
D.C. RESISTANCE, MAX.	6.64 Ω/1,000'

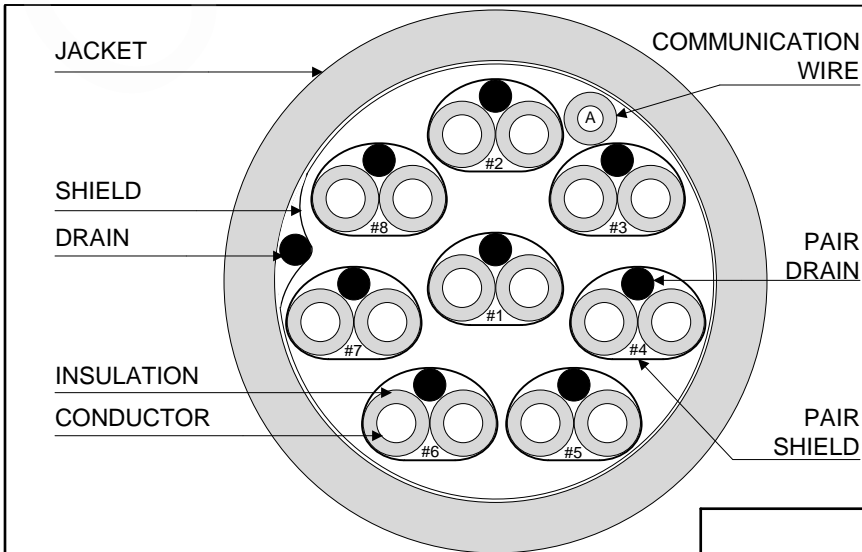
- 4) AGENCY APPROVALS:
- NEC (UL) TYPE PLTC
  - NEC (UL) TYPE ITC
  - NEC (UL) TYPE CM
  - CEC C(UL) TYPE CM
  - UL AWM STYLE 2464

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 0334 (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



Created 08/24/20	DRAWN: SGH 03/24/21	
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	0334	1 of 1

CUSTOMER APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_