

1) CONSTRUCTION:		NOM. DIA.
CONDUCTOR:	18 AWG STRANDED 7/.0152 BARE COPPER	.046"
INSULATION:	POLYVINYLCHLORIDE, .016" NOM. WALL THICKNESS	.078"
TRIAD:	(3) INSULATED COLOR CODED NUMBERED SINGLES TWISTED TOGETHER TO FORM A TRIAD	.168"
TRIAD SHIELD:	AN ALUMINIZED POLYESTER FOIL SHIELD (FOIL IN, 100% COVERAGE) SHALL BE APPLIED OVER THE CABLE CORE AND SHALL CONTAIN A 20 AWG 7/28 STRANDED TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE FOR EASY TERMINATION.	.174"
CABLE:	(2) SHIELDED TRIADS CABLED TOGETHER TO FORM A CABLE CORE.	.347"
SHIELD:	AN ALUMINIZED POLYESTER FOIL SHIELD (FOIL OUT, 100% COVERAGE) SHALL BE APPLIED OVER THE CABLE CORE AND SHALL CONTAIN A 20 AWG 7/28 STRANDED TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE FOR EASY TERMINATION.	.350"
JACKET:	POLYVINYLCHLORIDE, BLACK, .052" NOM. WALL THICKNESS	.454"
	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.	94.4 LBS.
JACKET IS SUNLIGHT RESISTANT	

3) ELECTRICAL CHARACTERISTICS:	
CAPACITANCE, MUTUAL, NOM.	31 PF/FT
CAPACITANCE, GROUNDED, NOM.	57 PF/FT
DIELECTRIC WITHSTANDING, MIN.	2000V RMS
VOLTAGE RATING, MAX.	300V
D.C. RESISTANCE, MAX.	6.64 Ω/1,000'

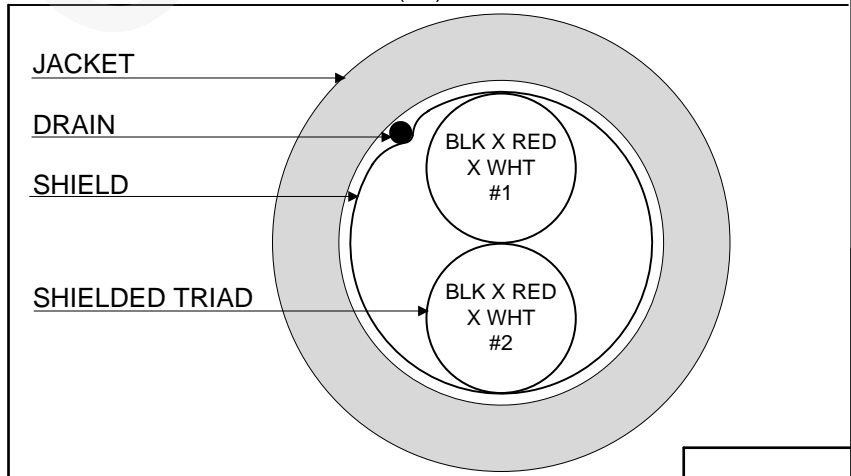
- 4) AGENCY APPROVALS:
- NEC (UL) TYPE PLTC
 - NEC (UL) TYPE ITC
 - NEC (UL) TYPE CM
 - CEC C(UL) TYPE CM
 - UL AWM STYLE 2464

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 0346 (UL) TYPE PLTC OR ITC 18 AWG SHIELDED 105C SUN RES OR C(UL)US CM OR AWM 2464 -- RoHS --
(LOT DESIGNATOR)

- 7) COLOR CODE:
- EACH TRIAD: BLACK X RED X WHITE
 - TRIADS NUMBERED #1 TO #2
 - WHITE INK ON BLACK CONDUCTORS
 - BLACK INK ON ALL OTHER CONDUCTORS

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



CUSTOMER APPROVAL:

DATE:

Created 08/24/20	DRAWN: SGH 08/24/20	
REV. 01	CHECKED: ZRS 08/24/20	
TITLE 2 TRIAD (6/C) 18 AWG SHIELDED CABLE -- TYPE PLTC, TYPE ITC, TYPE CM, STYLE 2464		
QUABBIN P/N	0346	1 of 1