

1) CONSTRUCTION:

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| CONDUCTOR: | 18 AWG STRANDED 7.0152 BARE COPPER | NOM. DIA. | .046" |
| INSULATION: | POLYVINYLCHLORIDE, .016" NOM. WALL THICKNESS | | .078" |
| TRIAD: | (3) INSULATED COLOR CODED NUMBERED SINGLES TWISTED TOGETHER TO FORM A TRIAD | | .168" |
| CABLE: | (2) TRIADS CABLED TOGETHER TO FORM A CABLE CORE. | | .335" |
| 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. | | .338" |
| JACKET: | POLYVINYLCHLORIDE, BLACK, .052" NOM. WALL THICKNESS | OVERALL CABLE DIAMETER | .442" (BY PI TAPE) |

2) PHYSICAL PROPERTIES:

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| TEMPERATURE RATING, MAX. | 80°C & 105°C |
| TEMPERATURE RATING, MIN. | -40°C |
| WT./M', NOM., NET. | 84.2 LBS. |
| JACKET IS SUNLIGHT RESISTANT | |

3) ELECTRICAL CHARACTERISTICS:

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| CAPACITANCE, MUTUAL, NOM. | 23 PF/FT |
| CAPACITANCE, GROUNDED, NOM. | 42 PF/FT |
| DIELECTRIC WITHSTANDING, MIN. | 2000V RMS |
| VOLTAGE RATING, MAX. | 300V |
| D.C. RESISTANCE, MAX. | 6.64 Ω/1,000' |

4) AGENCY APPROVALS:

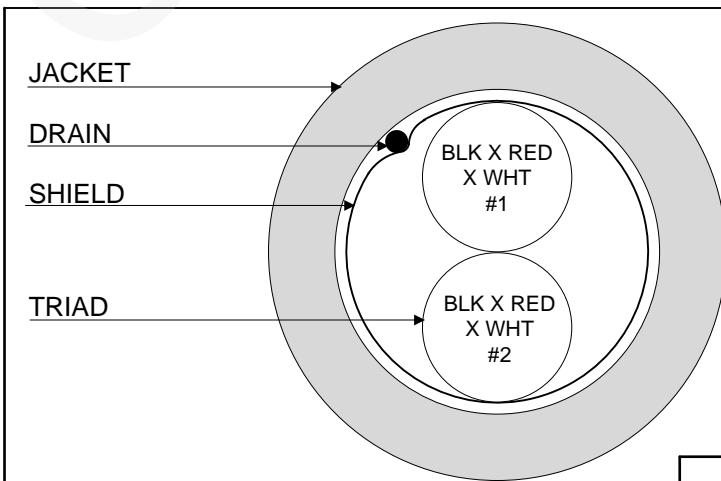
- NEC (UL) TYPE PLTC
- NEC (UL) TYPE ITC
- NEC (UL) TYPE CM
- CEC C(UL) TYPE CM
- UL AWM STYLE 2464

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 0343 (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 | 0343 | 1 of 1 |