

1) CONSTRUCTION:

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|-------------|---|------------------------|-------|
| CONDUCTOR: | 18 AWG 16/30 STRANDED TINNED COPPER | NOM. DIA. | .045" |
| INSULATION: | POLYVINYLCHLORIDE, .016" NOM. WALL THICKNESS | | .077" |
| CABLE: | (2) COLOR CODED SINGLES TWISTED TOGETHER TO FORM A CABLE CORE. | | .154" |
| SHIELD: | ALUMINIZED POLYESTER FOIL SHIELD (FOIL OUT, 100% COVERAGE) WITH A 20 AWG 10/30 STRANDED TINNED COPPER DRAIN WIRE CONTACTING THE METALIZED SURFACE FOR EASY TERMINATION. | | .157" |
| JACKET: | POLYVINYLCHLORIDE, CHROME GRAY, .038" NOM. WALL THICKNESS | OVERALL CABLE DIAMETER | .233" |

2) PHYSICAL PROPERTIES:

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|------------------------------|--------------------|
| TEMPERATURE RATING, MAX. | 80°C, 90°C & 105°C |
| TEMPERATURE RATING, MIN. | -20°C |
| WT./M', NOM., NET. | 31.2 LBS. |
| JACKET IS SUNLIGHT RESISTANT | |

3) ELECTRICAL CHARACTERISTICS:

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|---|--------------|
| CAPACITANCE, MUTUAL, NOM. | 53 PF/FT. |
| CAPACITANCE, GROUNDED, NOM. | 95 PF/FT. |
| DIELECTRIC WITHSTANDING, MIN VOLTAGE RATING, MAX. | 2000V RMS |
| D.C. RESISTANCE, MAX. PER ASTM B286 | 300V |
| | 7.15 Ω/1000' |

4) AGENCY APPROVALS:

- NEC (UL) TYPE PLTC 105C 300V
- NEC (UL) TYPE ITC 105C 300V
- UL AWM STYLE 2464 80C 300V
- CSA FAS 105 FT4
- CSA AWM FT4 90C 300V

5) APPLICATION:

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

6) PRINT:

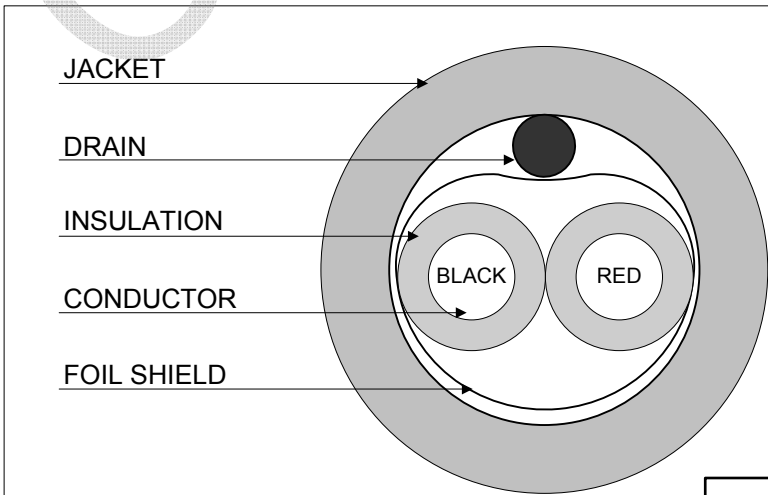
QUABBIN 0170 (UL) TYPE PLTC OR ITC 18 AWG 105C SUN RES OR AWM 2464 -- CSA LL66965 FAS 105 18 AWG 2 CONDUCTOR FT4 OR AWM I/II A/B 90C 300V FT4 -- RoHS -- **(LOT DESIGNATOR)**

7) COLOR CODE:

- 1. BLACK
- 2. RED

8) PACKAGING

TO BE PACKAGED AS PER QWC'S STANDARD PACKAGING



CUSTOMER APPROVAL:

DATE:

| | | |
|---|--------------------------|--------|
| Created 10/19/94 | DRAWN: BMD 11/19/14 | |
| REV. 07 | CHECKED: GBM 11/19/14 | |
| TITLE 2/C 18 AWG -- TYPE PLTC, TYPE ITC, AWM 2464, CSA FAS, AWM FT4 CABLE -- SHIELDED | | |
| QUABBIN P/N | 0170 | 1 of 1 |