

1) CONSTRUCTION:

CONDUCTOR:	18 AWG 16/30 STRANDED TINNED COPPER	NOM. DIA.	.045"
INSULATION:	POLYVINYLCHLORIDE, .016" NOM. WALL THICKNESS		.077"
PAIRS:	COLOR CODED NUMBERED SINGLES TWISTED INTO PAIRS		.154"
CABLE:	(3) PAIRS TWISTED TOGETHER TO FORM A CABLE CORE.		.240"
SHIELD:	AN ALUMINIZED POLYESTER FOIL SHIELD (FOIL OUT, 100% COVERAGE) SHALL BE APPLIED OVER THE CABLE CORE AND SHALL CONTAIN A 20 AWG 10/30 STRANDED TINNED COPPER DRAIN WIRE CONTACTING THE METALIZED SURFACE FOR EASY TERMINATION.		.243"
JACKET:	POLYVINYLCHLORIDE, CHROME GRAY, .053" NOM. WALL THICKNESS	OVERALL CABLE DIAMETER	.349" (BY PI TAPE)

2) PHYSICAL PROPERTIES:

TEMPERATURE RATING, MAX.	80°C, 90°C & 105°C
TEMPERATURE RATING, MIN.	-20°C
WT./M', NOM., NET.	75.0 LBS.
JACKET IS SUNLIGHT RESISTANT	

3) ELECTRICAL CHARACTERISTICS:

CAPACITANCE, MUTUAL, NOM.	33 PF/FT.
CAPACITANCE, GROUNDED, NOM.	69 PF/FT.
DIELECTRIC WITHSTANDING, MIN.	2000V RMS
VOLTAGE RATING, MAX.	300V
D.C. RESISTANCE, MAX.	7.15 Ω/1,000'

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:

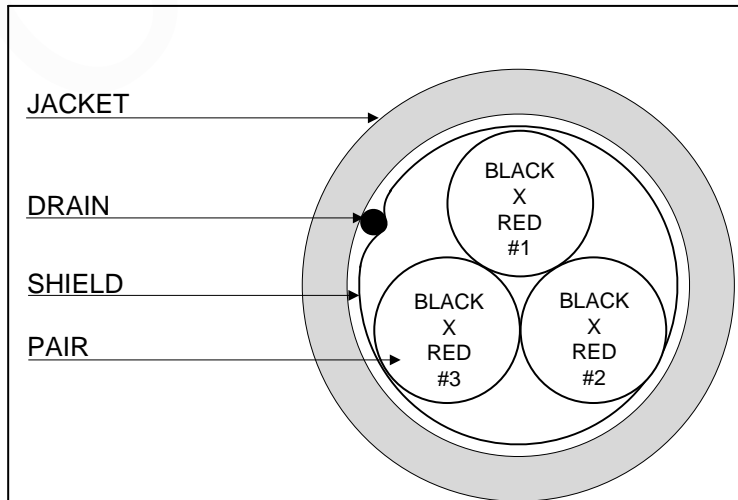
QUABBIN 0295 (UL) TYPE PLTC OR ITC 18 AWG 105C SUN RES OR AWM 2464 -- CSA LL66965 FAS 105 18 AWG 6 CONDUCTOR FT4 OR AWM I/II A/B 90C 300V FT4 -- RoHS -- **(LOT DESIGNATOR)**

7) COLOR CODE:

- BLACK X RED
- PRINTED #1 TO #3
- WHITE INK ON BLACK CONDUCTORS
- BLACK INK ON RED CONDUCTORS

8) PACKAGING:

TO BE PACKAGED AS PER QWC'S STANDARD PACKAGING



Created 08/20/97	BMD DRAWN: 08/26/21	
REV. 05	ZRS CHECKED: 08/30/21	
TITLE 3 PR (6/C) 18 AWG SHIELDED CABLE -- TYPE PLTC, TYPE ITC, STYLE 2464 -- CSA FAS, AWM FT4		
QUABBIN P/N	0295	1 of 1

CUSTOMER APPROVAL:

DATE: