

1) CONSTRUCTION:		NOM. DIA.
CONDUCTOR:	18 AWG 16/30 STRANDED TINNED COPPER	.045"
INSULATION:	POLYVINYLCHLORIDE, .016" NOM. WALL THICKNESS	.077"
PAIRS:	NUMBER CODED SINGLES TWISTED INTO PAIRS	.154
CABLE:	(2) TWISTED PAIRS TWISTED TOGETHER TO FORM A CABLE CORE.	.246"
SHIELD:	AN OVERALL ALUMINUM POLYESTER FOIL SHIELD (FOIL OUT, 100% COVERAGE) SHALL BE APPLIED OVER THE CABLE CORE AND SHALL INCLUDE A 20 AWG 10/30 STRANDED TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE FOR EASY TERMINATION.	.249"
JACKET:	POLYVINYLCHLORIDE, CHROME GRAY, .043" NOM. WALL THICKNESS OVERALL CABLE DIAMETER	.335" (BY PI TAPE)
	(NOM. O.D. ACROSS WIDEST CROSS SECTION)	.397"

2) PHYSICAL PROPERTIES:	
TEMPERATURE RATING, MAX.	80°C, 90°C & 105°C
TEMPERATURE RATING, MIN.	-20°C
WT./M', NOM., NET.	55.3 LBS.
JACKET IS SUNLIGHT RESISTANT	

3) ELECTRICAL CHARACTERISTICS:	
CAPACITANCE, MUTUAL, NOM.	31 PF/FT.
CAPACITANCE, GROUNDED, NOM.	56 PF/FT.
DIELECTRIC WITHSTANDING, MIN.	2000V RMS
VOLTAGE RATING, MAX.	300V
D.C. RESISTANCE, MAX. PER ASTM B286	7.15 Ω/1000'

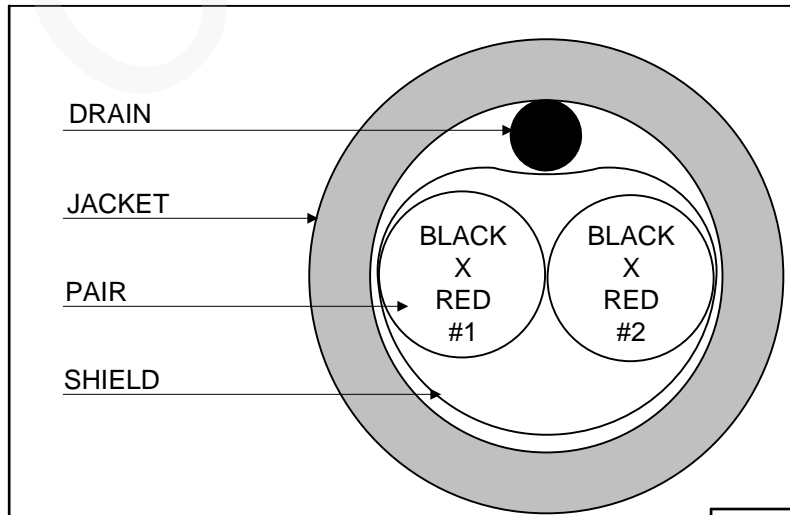
- 4) AGENCY APPROVALS:
- NEC (UL) TYPE PLTC-ER 105C 300V
  - NEC (UL) TYPE ITC-ER 105C 300V
  - UL AWM STYLE 2464 80C 300V
  - CSA FAS 105 FT4
  - CSA AWM FT4 90C 300V

5) APPLICATION:  
PROCESS SYSTEM INTERCONNECT. POWER LIMITED TRAY CABLE, INSTRUMENTATION TRAY CABLE,  
CLASS 3 CIRCUITS. RoHS COMPLIANT.

6) PRINT:  
QUABBIN 0290 (UL) TYPE PLTC-ER OR ITC-ER 18 AWG 105C SUN RES OR AWM 2464 -- CSA LL66965 FAS 105 18 AWG 4  
CONDUCTOR FT4 OR AWM I/II A/B 90C 300V FT4 -- RoHS -- **(LOT DESIGNATOR)**

7) COLOR CODE:  
BLACK X RED  
PAIRS NUMBERED #1 AND #2  
WHITE INK ON BLACK CONDUCTORS  
BLACK INK ON RED CONDUCTORS

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



Created 04/10/96	DRAWN: BMD 06/24/19	
REV. 04	CHECKED: ZRS 06/24/19	
TITLE 2 PR (4/C) 18 AWG -- TYPE PLTC-ER, TYPE ITC-ER, AWM 2464 -- CSA FAS, AWM FT4 CABLE -- SHIELDED		
QUABBIN P/N	0290	1 of 1

CUSTOMER APPROVAL:

DATE: