

1) CONSTRUCTION:

CONDUCTOR:	22 AWG 7/30 STRANDED TINNED COPPER	NOM. DIA.	.030"
INSULATION:	POLYVINYLCHLORIDE, .016" NOM. WALL THICKNESS		.062" ± .001"
PAIRS:	NUMBER CODED SINGLES TWISTED INTO PAIRS		.124"
CABLE:	(6) TWISTED PAIRS TWISTED TOGETHER TO FORM A CABLE CORE.		.312"
SHIELD:	ALUMINIZED POLYESTER FOIL SHIELD (FOIL OUT, 100% COVERAGE) WITH A 24 AWG 7/32 STRANDED TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE FOR EASY TERMINATION.		.315"
JACKET:	POLYVINYLCHLORIDE, CHROME GRAY, .053" NOM. WALL THICKNESS	OVERALL CABLE DIAMETER	.420" ± .010" (BY PI TAPE)

2) PHYSICAL PROPERTIES:

TEMPERATURE RATING, MAX.	80°C & 105°C
TEMPERATURE RATING, MIN.	-20°C
WT./M', NOM., NET.	82.3 LBS.
JACKET IS UV RESISTANT	

3) ELECTRICAL CHARACTERISTICS:

CAPACITANCE, MUTUAL, NOM.	18 PF/FT.
CAPACITANCE, GROUNDED, NOM.	34 PF/FT.
DIELECTRIC WITHSTANDING, MIN.	2000V RMS
VOLTAGE RATING, MAX.	600V
D.C. RESISTANCE, MAX. PER ASTM B286	16.7 Ω/1000'

4) AGENCY APPROVALS:

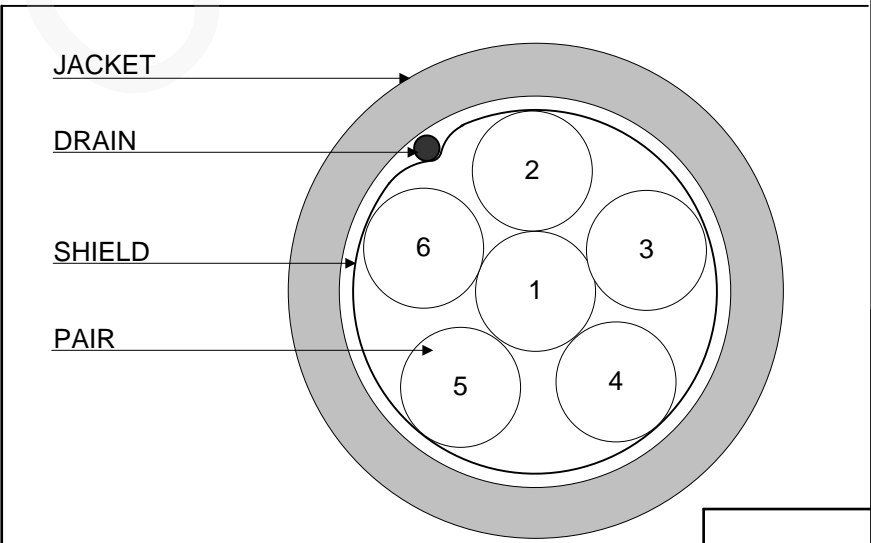
- NEC (UL) TYPE PLTC 105C 300V
- NEC (UL) TYPE ITC 105C 300V
- UL AWM STYLE 2464 80C 300V
- UL AWM STYLE 2586 105C 600V
- CSA FAS 105 FT4
- CSA AWM FT4 105C 600V

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

6) PRINT:  
QUABBIN 0255 (UL) TYPE PLTC OR ITC 22 AWG 105C SUN RES OR AWM 2464 OR AWM 2586 -- CSA LL66965 FAS 105 22 AWG 12 CONDUCTOR FT4 OR AWM I/II A/B 105C 600V FT4 -- RoHS -- **(LOT DESIGNATOR)**

7) COLOR CODE:  
BLACK X RED  
PAIRS NUMBERED #1 TO #6  
WHITE INK ON BLACK CONDUCTORS  
BLACK INK ON RED CONDUCTORS

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



CUSTOMER APPROVAL:

DATE:

Created 12/02/97	DRAWN: BMD 12/02/21	
REV. 04	CHECKED: ZRS 12/06/21	
TITLE 12/C (6 PR) 22 AWG -- TYPE PLTC, TYPE ITC, STYLE 2464, STYLE 2586 -- CSA FAS, AWM FT4 CABLE -- SHIELDED		
QUABBIN P/N	0255	1 of 1