

1) CONSTRUCTION:

CONDUCTOR:	18 AWG 16/30 STRANDED TINNED COPPER	NOM. DIA.	.045"
INSULATION:	POLYVINYLCHLORIDE, .016" NOM. WALL THICKNESS		.077"
CABLE:	(9) COLOR CODED SINGLES TWISTED TOGETHER WITH FILLER AND WRAPPED WITH A CLEAR POLYESTER BINDER TO FORM A CABLE CORE		.284"
SHIELD:	AN OVERALL ALUMINIZED POLYESTER FOIL SHIELD (FOIL IN, 100% COVERAGE) SHALL BE APPLIED OVER THE CABLE CORE AND SHALL INCLUDE AN 18 AWG 16/30 STRANDED TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE.		.308"
RIPCORD:	INCLUDED UNDER JACKET FOR STRIPPING		
JACKET:	POLYVINYLCHLORIDE, CHROME GRAY, .032" NOM. WALL THICKNESS.		
	OVERALL CABLE DIAMETER		.372" (BY PI TAPE)

2) PHYSICAL PROPERTIES:

TEMPERATURE RATING, MAX.	105°C
TEMPERATURE RATING, MIN.	-20°C
WT./M', NOM., NET.	90.4 LBS.
JACKET IS UV RESISTANT	

3) ELECTRICAL CHARACTERISTICS:

CAPACITANCE, MUTUAL, NOM.	23 PF/FT.
CAPACITANCE, GROUNDED, NOM.	43 PF/FT.
DIELECTRIC WITHSTANDING, MIN.	2000V RMS
VOLTAGE RATING, MAX.	600V
D.C. RESISTANCE, MAX. PER ASTM B286	7.15 Ω/1,000'

4) AGENCY APPROVALS:

- UL AWM STYLE 2586 105C 600V
- CSA AWM FT4
- MEETS (UL) VW-1 FLAME TEST

5) APPLICATION:

INDUSTRIAL CONTROLS, MEDICAL ELECTRONICS AND OTHER APPLICATIONS WHERE A COMPACT 600V RATED CABLE IS REQUIRED. RoHS COMPLIANT MATERIALS.

6) PRINT:

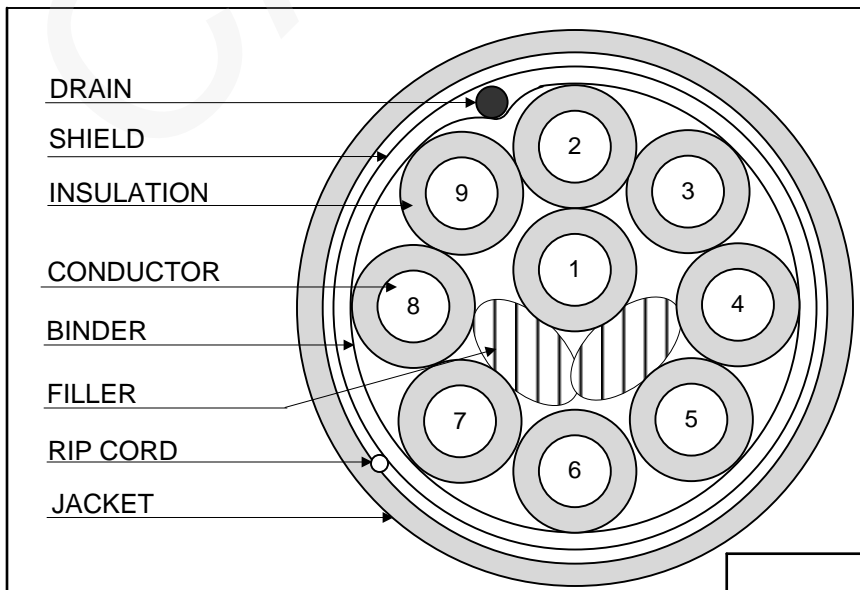
600V-TROL® E69976  AWM 2586 VW-1  
 -- CSA LL51726 AWM I/II A/B 105C 600V  
 FT4 -- RoHS -- **(LOT DESIGNATOR)**

7) COLOR CODE:

1. BLACK
2. BROWN
3. RED
4. ORANGE
5. YELLOW
6. GREEN
7. BLUE
8. VIOLET
9. GRAY


8) PACKAGING

TO BE PACKAGED AS PER QWC'S STANDARD PACKAGING



CUSTOMER APPROVAL:

DATE:

Created 03/03/05	DRAWN: SGH 03/30/21	
REV. 03	CHECKED: ZRS 03/30/21	
TITLE 600V-TROL® -- 9/C 18 AWG -- AWM 2586 VW-1, CSA AWM FT4 CABLE -- SHIELDED		
QUABBIN P/N	0826	1 of 1