

1) CONSTRUCTION:		NOM. DIA.
CONDUCTOR:	16 AWG 19/.0117 STRANDED TINNED COPPER	.057"
INSULATION:	POLYVINYLCHLORIDE, .016" NOM. WALL THICKNESS	.089"
CABLE:	(3) COLOR CODED SINGLES TWISTED TOGETHER AND WRAPPED WITH A CLEAR POLYESTER BINDER TO FORM A CABLE CORE.	.194"
SHIELD:	AN OVERALL ALUMINUM POLYESTER FOIL SHIELD (FOIL IN, 100% COVERAGE) SHALL BE APPLIED OVER THE CABLE CORE AND SHALL INCLUDE A 16 AWG 19/.0117 STRANDED TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE.	.212"
RIPCORD:	INCLUDED UNDER JACKET FOR STRIPPING	
JACKET:	POLYVINYLCHLORIDE, CHROME GRAY, .032" NOM. WALL THICKNESS.	
	OVERALL CABLE DIAMETER	.276" (BY PI TAPE)

2) PHYSICAL PROPERTIES:	
TEMPERATURE RATING, MAX.	105° C
TEMPERATURE RATING, MIN.	-20° C
WT./M', NOM., NET.	55.1 LBS.
JACKET IS UV RESISTANT	

3) ELECTRICAL CHARACTERISTICS:	
CAPACITANCE, MUTUAL, NOM.	32 PF/FT.
CAPACITANCE, GROUNDED, NOM.	59 PF/FT.
DIELECTRIC WITHSTANDING, MIN.	2000V RMS
VOLTAGE RATING, MAX.	600V
D.C. RESISTANCE, MAX. PER ASTM B286	4.82 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 **RU** 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

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

DRAIN

SHIELD

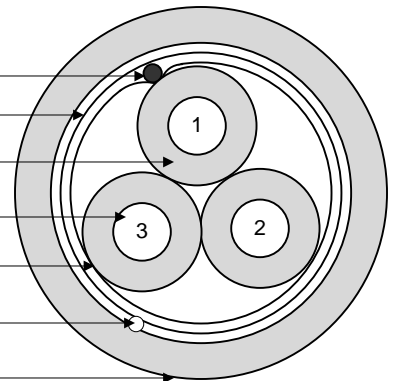
INSULATION

CONDUCTOR

BINDER

RIP CORD

JACKET



CUSTOMER APPROVAL:

DATE:

Created 06/02/11	DRAWN: SGH 03/30/21	
REV. 02	CHECKED: ZRS 03/30/21	
TITLE 600V-TROL® 3/C 16 AWG -- AWM 2586 VW-1, CSA AWM FT4 CABLE -- SHIELDED		
QUABBIN P/N	0832	1 of 1