

# Type TC Composite Cable

## 600V, TFFN or VW-1 THHN/THWN

### Construction

Multiconductor cables have TFFN or VW-1 THHN/THWN (PVC/Nylon) conductors with an overall gas/vapor-tight PVC jacket. Three power conductors and four or six control conductors.

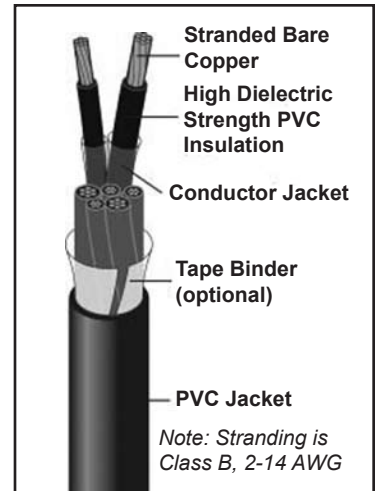
### Specifications

Conforms to the following standards and specifications:

- NEC® Article 392 Cable Trays and 336 Power and Control Cable Type TC
- Standard 1277 of Underwriters Laboratories, Inc.
- ICEA T-30-520 - Flame Test
- ICEA T-29-520 - Vertical Cable Tray Flame Test (210,000 Btu/hr)
- IEEE-383 - 70,000 BTU Cable Tray Propagation Test
- IEEE 1202 - 70,000 BTU Flame Tests
- CSA FT4
- UL E60749

### Applications

For supplying power and control signals to motors or providing connection to other power devices utilizing remote control circuits. Specifically approved for direct burial, wet or dry locations and outdoors in cable trays where a sunlight-resistant rating is required. UL Listed and OSHA acceptable. Recognized for use in Class 1 or 2, Division 2 hazardous locations and for installation in trays, wireways, troughs, channels, ducts and conduit.



Power Conductors		Control Conductors		Overall Jacket Thickness (mils)	Approx. O.D. (in)	Approx. Weight (lbs/M-ft)
No. of Conductors	AWG	No. of Conductors	AWG			
3	12	4	14	45	.470	192
3	10	4	14	45	.515	265
3	8	4	14	60	.650	356
3	6	4	14	60	.715	458
3	4	4	14	80	.880	702
3	2	4	14	80	1.005	982

*Information based on AIW specs.*

See referenced page in the Hardware & Supplies section:

#### Suggested Prep Tool

- Cable End Strippers  
2x2, 4x4 - I-9