

# CONTROL CABLE

## TFFN TRAY CABLES - UNSHIELDED TYPE TC 90°C DRY - 75°C WET - NEC® ARTICLE 340 - 600 VOLT

### Construction

#### Conductors:

- Stranded soft annealed copper.

#### Insulation:

- 90°C polyvinyl chloride (PVC).

#### Insulation Jacket:

- Applied directly over the PVC insulation is a tough nylon sheath offering protection to the insulation, type TFFN.

#### Color Code:

- Conductors are dual identified with color coding per ICEA Method 1, Table K-2 and alphanumeric printing per ICEA Method 4.
- See Chart #24.

#### Cabling:

- The specified number of conductors are cabled with fillers where needed. A suitable tape is applied over the assembly.

#### Applications:

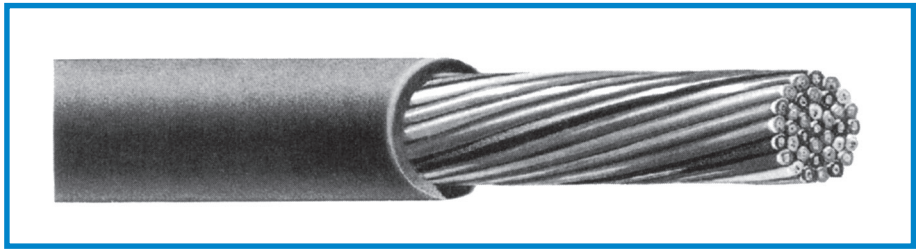
- TFFN Tray Cable is suitable for use in conduit, duct, tray or rack. It may be used in free air when supported by a messenger or for direct burial. Its small diameter facilitates installation and conserves space. It may be installed in cable trays in accordance with Articles 318, 340, and 725 of the NEC. It may be used in Class I, Div. II hazardous locations as allowed under Articles 318, 340 and 501. It is a Class I Cable as defined by Articles 725 and 760.

#### Rating:

- 90°C Dry, 75°C Wet, 600 Volt.

#### Features:

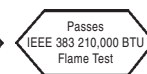
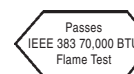
- TFFN conductors allow for a small diameter cable.
- Tough PVC Jacket.
- UL Listed as Type TC, 600 Volts 90°C.
- Meets IEEE 383 Flame Test with 70,000 BTU as well as 210,000 BTU Flame Source.
- Moisture and Sunlight Resistant.
- Meets appropriate sections of NEC Articles 300, 318, 340, 501 and 725.
- UL Listed for Direct Burial.



CUSTOM CATALOG NUMBER	SIZE AWG/MCM	NO. OF COND'S	NOMINAL THICKNESS (INCHES)			NOMINAL O.D. INCHES	NOMINAL WEIGHT LBS/MFT
			INSULATION	NYLON	JACKET		
<b>STRANDED</b>							
22001	18	2 (Flat)	0.015	0.004	0.045	0.180x0.280	41
22003	18	3	0.015	0.004	0.045	0.290	50
22004	18	4	0.015	0.004	0.045	0.310	60
22005	18	5	0.015	0.004	0.045	0.340	71
22007	18	7	0.015	0.004	0.045	0.370	89
22009	18	9	0.015	0.004	0.045	0.420	112
22010	18	10	0.015	0.004	0.045	0.440	121
22012	18	12	0.015	0.004	0.045	0.460	156
22015	18	15	0.015	0.004	0.045	0.510	169
22019	18	19	0.015	0.004	0.060	0.580	220
22020	18	20	0.015	0.004	0.060	0.590	228
22024	18	24	0.015	0.004	0.060	0.640	268
22025	18	25	0.015	0.004	0.060	0.650	279
22026	18	26	0.015	0.004	0.060	0.660	287
22030	18	30	0.015	0.004	0.060	0.710	325
22034	18	34	0.015	0.004	0.060	0.740	361
22035	18	35	0.015	0.004	0.060	0.750	371
22037	18	37	0.015	0.004	0.060	0.760	390
9401	16	2 (Flat)	0.015	0.004	0.045	0.195x0.297	49
9402	16	3	0.015	0.004	0.045	0.310	66
9403	16	4	0.015	0.004	0.045	0.340	79
9404	16	5	0.015	0.004	0.045	0.370	94
9405	16	6	0.015	0.004	0.045	0.400	109
9406	16	7	0.015	0.004	0.045	0.400	118
9408	16	9	0.015	0.004	0.045	0.460	147
9409	16	10	0.015	0.004	0.045	0.480	162
9411	16	12	0.015	0.004	0.045	0.510	202
9414	16	15	0.015	0.004	0.060	0.590	243
9418	16	19	0.015	0.004	0.060	0.630	296
9419	16	20	0.015	0.004	0.060	0.650	310
9423	16	24	0.015	0.004	0.060	0.710	367
9424	16	25	0.015	0.004	0.060	0.720	379
9425	16	26	0.015	0.004	0.060	0.730	391
9429	16	30	0.015	0.004	0.060	0.780	456
9433	16	34	0.015	0.004	0.060	0.810	536
9434	16	35	0.015	0.004	0.080	0.860	549
9436	16	37	0.015	0.004	0.080	0.880	580

Note: Dupont® color code available on special request. Additional conductors available on special order. Consult factory for details and specifications.

# Custom Cable Corp.



242 Butler Street • Westbury, New York 11590-3193 • Tel: (516) 334-3600 • Toll Free: (800) 832-3600 • FAX: (516) 334-3989

[www.customwireandcable.com](http://www.customwireandcable.com) • email: [sales@customwireandcable.com](mailto:sales@customwireandcable.com)