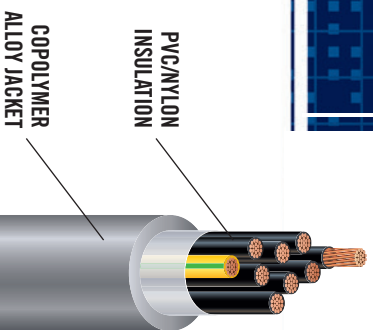


# 1000 V WIND TURBINE TRAY CABLE UL TYPE WTTTC



**FACTORY  
AUTOMATION**



## APPLICATIONS

- Approved for wet or dry locations
- Sunlight resistant
- Rated 90°C wet or dry to -40°C
- Approved for use in wind turbine applications

## INDUSTRY APPROVALS

- UL 2277 – Type WTC
- UL 1277
- UL 1581
- UL 83
- UL 66
- NEC® Type TFN Conductors (16 & 18 AWG)
- NEC® Type THHN/THWN Conductors (14 - 10 AWG)
- NEMA WC-70/CEA S-95-658
- UL 1063 – Type MTW
- Oil Res. I & Oil Res. II
- Flame Tests: UL1277, DP-1, UL1685, IEEE 1202, CSA

## CONSTRUCTION

- Flexible Stranded Bare Copper
  - PVC/Nylon Insulation
  - Copolymer Alloy Jacket
  - Sunlight Resistant
  - Rated 90°C Wet or Dry to -40°C
- Black copolymer alloy jacket, sequential footage markings, color coded black with white alpha-numeric print

### Sample Jacket Markings:

TAPPAN W & C 326022 (UL) TYPE WTTTC # C XX AWG 1000V SUN RES. OIL RES.  
I & OIL RES. II 90C WET OR DRY -40°C c(UL) CIC 90C WET OR DRY 600V TC FT4  
SUN RES. OIL RES. AWM I/II A/B 90C 1000V FT4 -40°C MADE IN USA CE

## WEIGHTS, MEASUREMENTS AND PACKAGING

NO. OF COND. (INCLUDES GROUND)	AWG	STRANDING	OVERALL INSULATION THICKNESS (mils)	OVERALL JACKET THICKNESS (mils)	NOMINAL O.D. (inch)	NET WEIGHT (lbs./1000 ft)	PART NUMBER
<b>UNSHIELDED 18 AWG MULTI CONDUCTOR</b>							
3	18	19/30	20	45	0.295	58	58151101
4	18	19/30	20	45	0.350	70	58264201
7	18	19/30	20	45	0.395	84	58151301
8	18	19/30	20	45	0.440	98	-
9	18	19/30	20	45	0.445	112	-
12	18	19/30	20	45	0.455	167	58264601
18	18	19/30	20	45	0.570	251	58264701
25	18	19/30	20	60	0.660	310	58151401
50	18	19/30	20	60	0.890	645	-
<b>UNSHIELDED 16 AWG MULTI CONDUCTOR</b>							
3	16	26/30	20	45	0.310	62	58151501
4	16	26/30	20	45	0.340	80	58264801
5	16	26/30	20	45	0.375	96	58264901
7	16	26/30	20	45	0.390	112	58151601
8	16	26/30	20	45	0.425	130	-
9	16	26/30	20	45	0.470	153	58265101
12	16	26/30	20	45	0.505	215	58265201
16	16	26/30	20	45	0.595	270	-
18	16	26/30	20	60	0.620	290	58265301
25	16	26/30	20	60	0.700	400	58151701
41	16	26/30	20	60	0.930	625	-
50	16	26/30	20	60	0.980	760	-
<b>UNSHIELDED 14 AWG MULTI CONDUCTOR</b>							
3	14	41/30	20	45	0.345	88	58151801
4	14	41/30	20	45	0.370	110	58265401
5	14	41/30	20	45	0.405	122	58265501
7	14	41/30	20	45	0.435	170	58152101
8	14	41/30	20	45	0.510	220	-
12	14	41/30	20	60	0.590	308	58265701
18	14	41/30	20	60	0.645	435	582658XX
25	14	41/30	20	60	0.765	590	581522XX
<b>UNSHIELDED 12 AWG MULTI CONDUCTOR</b>							
4	12	65	25	45	0.435	150	58265901
5	12	65	25	45	0.480	174	-
7	12	65	25	45	0.570	242	-
<b>UNSHIELDED 10 AWG MULTI CONDUCTOR</b>							
4	10	105/30	25	45	0.540	255	58152301
5	10	105/30	25	45	0.590	310	-
7	10	105/30	25	60	0.660	399	-

Weights & dimensions are nominal and are subject to applicable industry tolerances.

