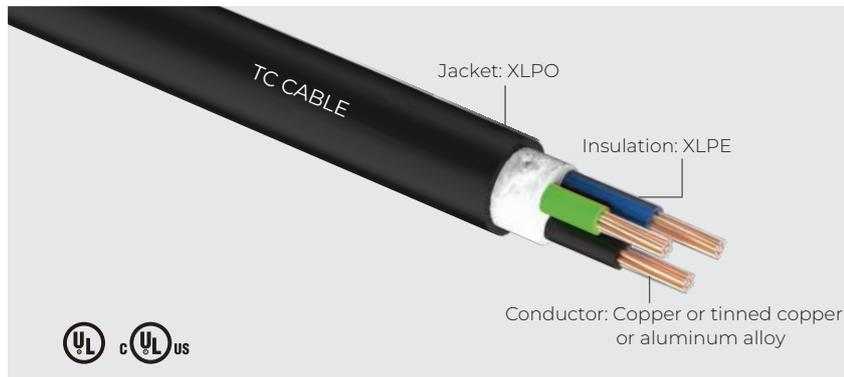


# SUNKEAN

## TC Power Pallet Cable



### Advantage

-  UV resistant
-  Oil resistant
-  Direct burial
-  Flame test FT4, VW-1
-  More economical

### Characteristics

- **Rated Voltage**  
600V
- **Test Voltage**  
2000V
- **Temperature Rating**  
-40°C to +90°C
- **According to**  
UL1277, UL44
- **Certificate Number**  
E533209

### Cable Structure

- **Conductor:** Optional bare copper conductor (ASTMB3), tinned conductor (ASTM B33), aluminum alloy conductor (AA8000)
- **Insulation:** XLPE
- **Assembly:** Cabled with non hygroscopic fillers, as required and binder tape
- **Jacket:** XLPO

### Test Item

- **Flame Test** acc. to UL 1277, Clause 15
- **Limited Smoke** acc. to UL 1277, Clause 16
- **UV-resistant** acc. to UL 1277, Clause 20
- **Impact Test** acc. to UL 1277, Clause 23

### Application

This cable is suitable for electric motor power supply of wiring system in photovoltaic power station, residential, commercial and industrial environment, and connection of other power supply equipment in industrial environment. It is mainly installed through cable racks, cable pipelines and outdoor application equipment supported by slings, and can also be directly buried in underground pipelines.

#### 2 Core

Cross Section (AWG/ kcmil)	Conductor Stranded O.D. (mm)	Insulation Thickness (mm)	Jacket Thickness (mm)	Cable O.D. Ref. Range (mm)	Approximate Weight (kg/km)	Conductor Resistance Max (Ω/km, 20°C)
2x8	3.50	1.14	1.52	15.50±0.80	322.3	2.14
2x6	4.40	1.14	1.52	17.30±0.80	445.2	1.35
2x4	5.60	1.14	1.52	19.70±1.00	636.8	0.848
2x2	7.00	1.40	2.03	23.50±1.00	960.4	0.534
2x1	7.80	1.40	2.03	26.50±1.50	1202.7	0.423
2x1/0	8.80	1.40	2.03	28.30±1.50	1445.5	0.335
2x2/0	9.80	1.40	2.03	30.60±1.50	1757.4	0.266
2x3/0	11.30	1.40	2.03	31.60±1.50	2153.9	0.211
2x4/0	12.50	1.40	2.03	36.00±1.50	2617.7	0.167
2x250	13.50	1.65	2.03	39.00±1.50	3047.1	0.142
2x300	14.60	1.65	2.03	41.30±1.50	3572.1	0.118
2x350	15.80	1.65	2.79	45.30±1.50	4246.8	0.101
2x500	19.00	1.65	2.79	51.60±1.80	5842.1	0.0709
2x750	23.50	2.03	2.79	62.20±1.80	8627.8	0.0472

## TC Power Pallet Cable

### 3 Core

Cross Section (AWG/ kcmil)	Conductor Stranded O.D. (mm)	Insulation Thickness (mm)	Jacket Thickness (mm)	Cable O.D. Ref. Range (mm)	Approximate Weight (kg/km)	Conductor Resistance Max ( $\Omega$ /km, 20°C)
3x8	3.50	1.14	1.52	16.40±0.80	424.2	2.14
3x6	4.40	1.14	1.52	18.30±0.80	597.5	1.35
3x4	5.60	1.14	1.52	20.90±1.00	869.0	0.848
3x2	7.00	1.40	2.03	25.00±1.00	1311.0	0.534
3x1	7.80	1.40	2.03	28.00±1.50	1650.9	0.423
3x1/0	8.80	1.40	2.03	30.50±1.50	1996.1	0.335
3x2/0	9.80	1.40	2.03	32.60±1.50	2444.1	0.266
3x3/0	11.30	1.40	2.03	35.80±1.50	3007.2	0.211
3x4/0	12.50	1.40	2.03	38.40±1.50	3676.0	0.167
3x250	13.50	1.65	2.03	41.70±1.50	4284.5	0.142
3x300	14.60	1.65	2.03	45.50±1.50	5197.5	0.118
3x350	15.80	1.65	2.79	48.10±1.50	5959.9	0.101
3x500	19.00	1.65	2.79	55.00±1.80	8253.2	0.0709
3x750	23.50	2.03	2.79	66.30±1.80	12246.6	0.0472

### 4 Core

Cross Section (AWG/ kcmil)	Conductor Stranded O.D. (mm)	Insulation Thickness (mm)	Jacket Thickness (mm)	Cable O.D. Ref. Range (mm)	Approximate Weight (kg/km)	Conductor Resistance Max ( $\Omega$ /km, 20°C)
4x8	3.50	1.14	1.52	18.00±0.80	537.8	2.14
4x6	4.40	1.14	1.52	20.30±0.80	764.5	1.35
4x4	5.60	1.14	1.52	24.00±1.00	1174.4	0.848
4x2	7.00	1.40	2.03	26.60±1.00	1689.4	0.534
4x1	7.80	1.40	2.03	31.00±1.50	2133.7	0.423
4x1/0	8.80	1.40	2.03	33.50±1.50	2587.0	0.335
4x2/0	9.80	1.40	2.03	36.00±1.50	3177.0	0.266
4x3/0	11.30	1.40	2.03	39.50±1.50	3916.5	0.211
4x4/0	12.50	1.40	2.03	42.50±1.50	4798.8	0.167
4x250	13.50	1.65	2.03	47.60±1.50	5758.2	0.142
4x300	14.60	1.65	2.03	50.30±1.80	6771.6	0.118
4x350	15.80	1.65	2.79	53.30±1.50	7775.8	0.101
4x500	19.00	1.65	2.79	61.00±1.80	10798.8	0.0709
4x750	23.50	2.03	2.79	75.20±2.50	16321.1	0.0472

Note: Please refer to the above technical reference number for your reference, please check the technical section of our department for your request.