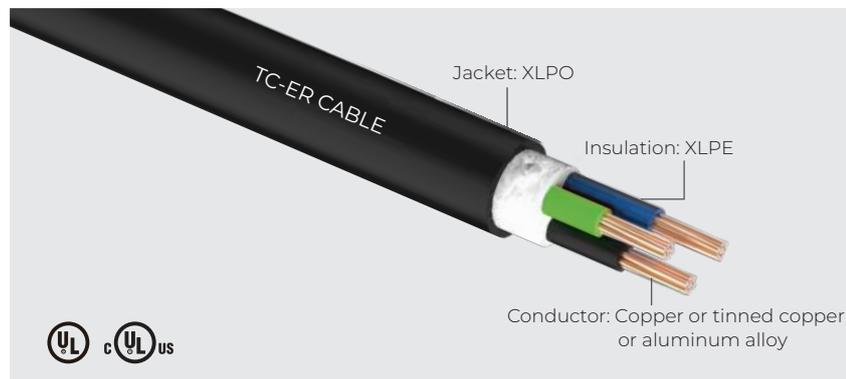


TC-ER Power Pallet Cable



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+1x10	3.50	1.14	1.52	15.50±0.80	372.0	2.14
2x6+1x8	4.40	1.14	1.52	17.70±0.80	536.4	1.35
2x4+1x8	5.60	1.14	1.52	19.70±1.00	715.7	0.848
2x2+1x6	7.00	1.40	2.03	23.50±1.00	1081.3	0.534
2x1+1x6	7.80	1.40	2.03	26.50±1.50	1315.3	0.423
2x1/0+1x6	8.80	1.40	2.03	28.30±1.50	1550.6	0.335
2x2/0+1x6	9.80	1.40	2.03	30.60±1.50	1854.3	0.266
2x3/0+1x4	11.30	1.40	2.03	33.60±1.50	2316.6	0.211
2x4/0+1x4	12.50	1.40	2.03	36.00±1.50	2768.4	0.167
2x250+1x4	13.50	1.65	2.03	39.00±1.50	3182.3	0.142
2x300+1x3	14.60	1.65	2.03	41.30±1.50	3746.5	0.118
2x350+1x3	15.80	1.65	2.79	45.30±1.50	4406.1	0.101
2x500+1x2	19.00	1.65	2.79	51.60±1.80	6018.4	0.0709
2x750+1x1	23.50	2.03	2.79	62.20±1.80	8814.0	0.0472

TC-ER 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 (Ω /km, 20°C)
3x8+1x10	3.50	1.14	1.52	16.40±0.80	474.6	2.14
3x6+1x8	4.40	1.14	1.52	19.60±0.80	705.3	1.35
3x4+1x8	5.60	1.14	1.52	22.80±1.00	1016.2	0.848
3x2+1x6	7.00	1.40	2.03	25.80±1.00	1454.8	0.534
3x1+1x6	7.80	1.40	2.03	28.50±1.50	1776.9	0.423
3x1/0+1x6	8.80	1.40	2.03	30.50±1.50	2106.2	0.335
3x2/0+1x6	9.80	1.40	2.03	32.60±1.50	2543.2	0.266
3x3/0+1x4	11.30	1.40	2.03	35.80±1.50	3172.3	0.211
3x4/0+1x4	12.50	1.40	2.03	38.40±1.50	3829.4	0.167
3x250+1x4	13.50	1.65	2.03	41.70±1.50	4423.1	0.142
3x300+1x3	14.60	1.65	2.03	45.50±1.50	5375.5	0.118
3x350+1x3	15.80	1.65	2.79	48.10±1.50	6123.1	0.101
3x500+1x2	19.00	1.65	2.79	55.00±1.80	8434.0	0.0709
3x750+1x1	23.50	2.03	2.79	66.30±1.80	12439.8	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 (Ω /km, 20°C)
4x8+1x10	3.50	1.14	1.52	18.80±0.80	604.5	2.14
4x6+1x8	4.40	1.14	2.03	22.50±0.80	928.1	1.35
4x4+1x8	5.60	1.14	2.03	25.10±1.00	1280.7	0.848
4x2+1x6	7.00	1.40	2.03	28.60±1.00	1843.9	0.534
4x1+1x6	7.80	1.40	2.03	32.00±1.50	2273.8	0.423
4x1/0+1x6	8.80	1.40	2.03	34.10±1.50	2713.6	0.335
4x2/0+1x6	9.80	1.40	2.03	36.30±1.50	3288.6	0.266
4x3/0+1x4	11.30	1.40	2.03	40.20±1.50	4104.1	0.211
4x4/0+1x4	12.50	1.40	2.03	42.80±1.50	4964.8	0.167
4x250+1x4	13.50	1.65	2.79	47.60±1.50	5900.1	0.142
4x300+1x3	14.60	1.65	2.79	50.30±1.80	6953.3	0.118
4x350+1x3	15.80	1.65	2.79	53.30±1.50	7942.8	0.101
4x500+1x2	19.00	1.65	2.79	61.00±1.80	10984.2	0.0709
4x750+1x1	23.50	2.03	3.56	75.20±2.50	16521.3	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.