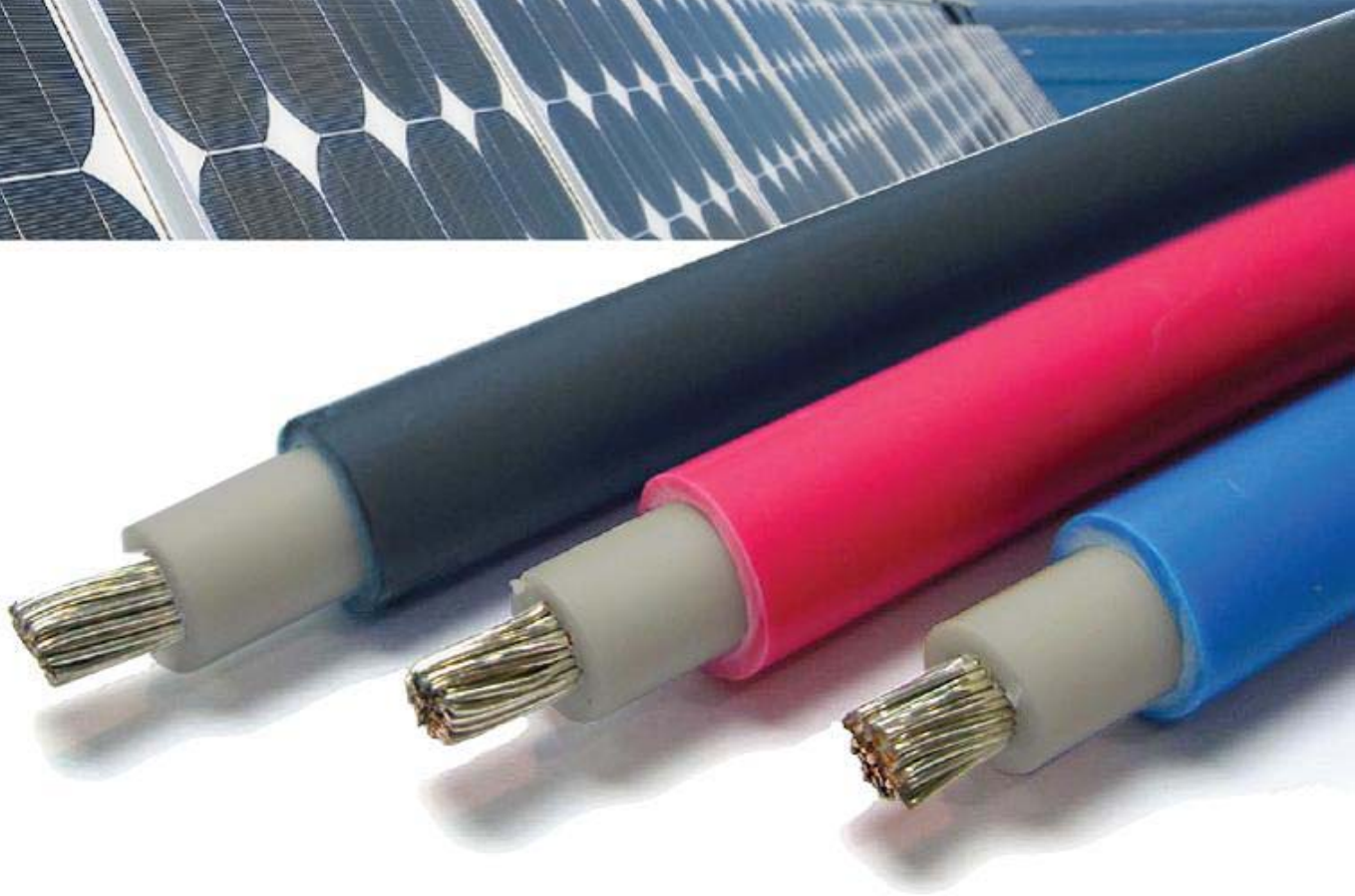


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## Cables



### Technical Data

#### Materials

Conductor: Tinned copper wire  
 Insulation: XLPO  
 Jacket: XLPE

#### Electrical

Rated voltage TÜV: 1000 V DC  
 Rated voltage UL: 600 V DC  
 Rated current: see table

#### Mechanical

Wire Size Range: 2.5, 4.0, 6.0 mm<sup>2</sup>  
 AWG 14, 12, 10  
 \*Min. bending radius: 48mm for 4.0 mm<sup>2</sup>

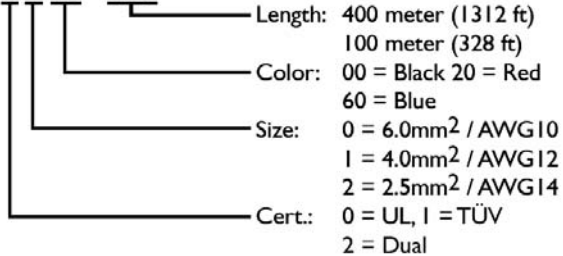
#### Environmental

Temperature Range TÜV: -40°C up to +85°C  
 Temperature Range UL: -40°C up to +90°C  
 Flame tested: EN 50265-2-1  
 Halogen Free  
 RoHS Compliant

#### Safety Approval and Standards

UL approved, File# E338358  
 TÜV certified, Cert# 50108426

### TYO-1 2 00 - 400



## TÜV Cable (1000 V DC)



Part number	Cross Section [mm <sup>2</sup> ]	Conductor Composition [mm <sup>2</sup> ]	Outer Diameter [mm <sup>2</sup> ]	Rated Current [A]	Conductor Resistance [Ω/km]	Color
TYO-1200	2.5	50/0.25	6.45±0.2	39	8.21	Black
TYO-1220	2.5	50/0.25	6.45±0.2	39	8.21	Red
TYO-1260	2.5	50/0.25	6.45±0.2	39	8.21	Blue
TYO-1100	4.0	56/0.30	6.55±0.2	52	5.09	Black
TYO-1120	4.0	56/0.30	6.55±0.2	52	5.09	Red
TYO-1160	4.0	56/0.30	6.55±0.2	52	5.09	Blue
TYO-1000	6.0	84/0.30	7.45±0.2	67	3.39	Black
TYO-1020	6.0	84/0.30	7.45±0.2	67	3.39	Red
TYO-1060	6.0	84/0.30	7.45±0.2	67	3.39	Blue

## UL Cable (600 V DC)



Part number	Cross Section [AWG]	Conductor Composition [mm <sup>2</sup> ]	Outer Diameter [mm <sup>2</sup> ]	Rated Current [A]	Conductor Resistance [Ω/km]	Color
TYO-0200	14	43/0.25	5.9±0.15	27	8.62	Black
TYO-0220	14	43/0.25	5.9±0.15	27	8.62	Red
TYO-0260	14	43/0.25	5.9±0.15	27	8.62	Blue
TYO-0100	12	48/0.30	6.4±0.15	36	5.43	Black
TYO-0120	12	48/0.30	6.4±0.15	36	5.43	Red
TYO-0160	12	48/0.30	6.4±0.15	36	5.43	Blue
TYO-0000	10	76/0.30	7.0±0.15	47	3.41	Black
TYO-0020	10	76/0.30	7.0±0.15	47	3.41	Red
TYO-0060	10	76/0.30	7.0±0.15	47	3.41	Blue

## Dual Certified Cable (1000 V DC / 600 V DC)



Part number	Cross Section [AWG/mm <sup>2</sup> ]	Conductor Composition [mm <sup>2</sup> ]	Outer Diameter [mm <sup>2</sup> ]	Rated Current [A]	Conductor Resistance [Ω/km]	Color
TYO-2200	14 / 2.5	50/0.25	6.45±0.2	39	8.21	Black
TYO-2220	14 / 2.5	50/0.25	6.45±0.2	39	8.21	Red
TYO-2260	14 / 2.5	50/0.25	6.45±0.2	39	8.21	Blue
TYO-2100	12 / 4.0	56/0.30	6.55±0.15	52	5.09	Black
TYO-2120	12 / 4.0	56/0.30	6.55±0.15	52	5.09	Red
TYO-2160	12 / 4.0	56/0.30	6.55±0.15	52	5.09	Blue
TYO-2000	10 / 6.0	84/0.30	7.45±0.2	67	3.39	Black
TYO-2020	10 / 6.0	84/0.30	7.45±0.2	67	3.39	Red
TYO-2060	10 / 6.0	84/0.30	7.45±0.2	67	3.39	Blue

The specifications are subject to change without notice!

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