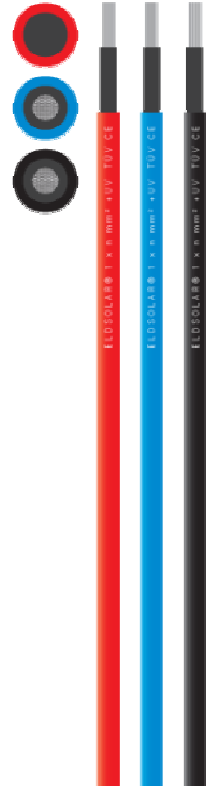




ELDSOLARA® STD

Of proven quality, this Eldra cable has been the standard in the solar market for years already.



Conductor	Tinned copper conductor according to class 5 of IEC 60228
Core insulation	Special EPR compound
Diameter over insulation	See table
Insulation	Black
Outer sheath	Special halogenfree TPR compound colour: black, red or blue
Diameter over sheath	See table

Type	Diameter over insulation approx. (mm)	Outer Diameter (mm)	Max. conductor resistance at 20°C(Ω/km)
1x 2.5 mm ²	3.6	5.6 ± 0.15	8.21
1x 4 mm ²	4.6	6.5 ± 0.2	5.09
1x 6 mm ²	5.0	7.1 ± 0.2	3.39
1x 10 mm ²	6.5	9.2 ± 0.2	1.95
1x 16 mm ²	7.7	10.0 ± 0.3	1.24
1x 25 mm ²	9.0	11.5 ± 0.3	0.795

Type	Weight approx. (kg/km)	Currency carrying capacity acc. HD 604 at 30°C(a)
1x 2.5 mm ²	45	42
1x 4 mm ²	65	56
1x 6 mm ²	85	71
1x 10 mm ²	130	96
1x 16 mm ²	186	128
1x 16 mm ²	271	173

Operating voltage	1800V DC
Test Voltage in water 1hr in 23°C	5000V AC
Test voltage in production	6000V DC
Temperature range	-40°C to + 120 °C (material) -40°C to + 85°C (TÜV approved)
Short circuit temperature	300°C
Bending radius	5xD

Standard	Halogenfree according to IEC 60754-2 /EN 50267-2-3 Dimensions based on NEN 3356
Outer marking	ELDSOLARA® yxn mm ² + UV TÜV CE
Use	Cable is intended to be used for fixed and flexible connection of solar panels
Further information	Excellent ozone and uv resistance
Flame retardent	
Halogen free	According to EN 50267-2-1 and EN 60684-2
Delivery	500m on non returnable reels / 100m on rings