



SOLAR System

SOLAR CABLE

(Photovoltaic Cable)



STANDARD

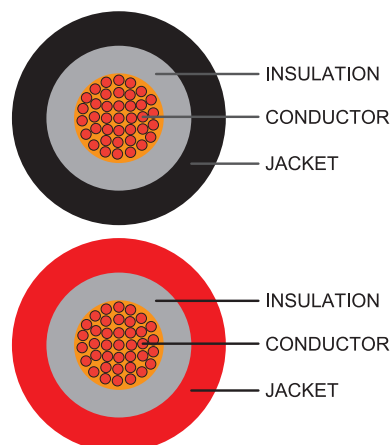
- IEC 62930:2017
- EN 50618:2014
- IEC/EN 60228 Class 5
- DIN VDE 0295 Class 5
- TÜV Approvals
- RoHS compliant



FR LSZH



-40°C 90°C



ELECTRICAL CHARACTERISTIC

Nominal Voltage U_0/U	AC 1000/1000V, DC 1500/1500V
Max. DC voltage	1800V (conductor-conductor, non-earth system, circuit not under load)
AC Test Voltage	6.5 KV
DC Test Voltage	15 KV
Min. Surface resistance of sheath	$10^9 \Omega$

TEMPERATURE

Max. temperature at conductor	-40°C to + 120°C
Temperature Range	-40°C to + 90°C

CABLE CONSTRUCTION

Conductor Material	Fine wire stranded tinned copper according IEC/EN 60228 Class 5
Insulation Material	Halogen free, Copolymer Electron beam cross-linked polyethylene (XLPE)
Jacket Material	Halogen free, Copolymer Electron beam cross-linked polyethylene (XLPE) with FR-LSZH
Jacket Color	Red or Black

TECHINICAL SPECIFICATION

Size (mm ²)	Insulation Thickness (mm)	Jacket Thickness (mm)	Jacket Diameter (mm)	Conductor Resistance at 20°C (Ω/km)	Insulation Resistance at 20°C (MΩ/km)	Rated Current (A)	
						@ 30°C (IEC62930)	@ 60°C (EN50618)
2.5	0.70	0.80	5.05±0.30	≤ 8.21	≥ 690	42	41
4	0.70	0.80	5.40±0.30	≤ 4.85	≥ 580	57	55
6	0.70	0.80	6.30±0.30	≤ 3.25	≥ 500	72	70
10	0.70	0.80	7.20±0.30	≤ 1.95	≥ 420	98	98

ORDER INFORMATION

Part Number	Description	Length	Package
CB-1025AX	PV Solar Cable, 62930 IEC131, H1Z2Z2-K, 1500 V, 1x2.5 mm ² , (Black or Red)	1000 m.	Roll.
CB-1040AX	PV Solar Cable, 62930 IEC131, H1Z2Z2-K, 1500 V, 1x4 mm ² , (Black or Red)	1000 m.	Roll.
CB-1060AX	PV Solar Cable, 62930 IEC131, H1Z2Z2-K, 1500 V, 1x6 mm ² , (Black or Red)	1000 m.	Roll.
CB-1100AX	PV Solar Cable, 62930 IEC131, H1Z2Z2-K, 1500 V, 1x10 mm ² , (Black or Red)	1000 m.	Roll.
CB-1160AX	PV Solar Cable, 62930 IEC131, H1Z2Z2-K, 1500 V, 1x16 mm ² , (Black or Red)	1000 m.	Roll.

X=Color : B (Black) , R(Red)

Add "-1" at the end of the P/N = 100 m / Box.

Add "-5" at the end of the P/N = 500 m / Roll.



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P/N	DESCRIPTION	PACKING	PRICE /m.
SOLAR CABLE (1,000 M. /ROLL)			
			
CB-1025AB	PV Solar Cable 2.5 mm ² , Black	1,000* M. /Roll	22.50 /m.
CB-1025AR	PV Solar Cable 2.5 mm ² , Red	1,000* M. /Roll	22.50 /m.
 CB-1040AB	PV Solar Cable 4 mm², Black	1,000^R M. /Roll	32.40 /m.
 CB-1040AR	PV Solar Cable 4 mm², Red	1,000^R M. /Roll	32.40 /m.
 CB-1060AB	PV Solar Cable 6 mm², Black	1,000^R M. /Roll	46.40 /m.
 CB-1060AR	PV Solar Cable 6 mm², Red	1,000^R M. /Roll	46.40 /m.
 CB-1100AB	PV Solar Cable 10 mm ² , Black	1,000 ^R M. /Roll	85.95 /m.
 CB-1100AR	PV Solar Cable 10 mm ² , Red	1,000 ^R M. /Roll	85.95 /m.
CB-1160AB	PV Solar Cable 16 mm ² , Black	1,000* M. /Roll	128.70 /m.
CB-1160AR	PV Solar Cable 16 mm ² , Red	1,000* M. /Roll	128.70 /m.



SOLAR CABLE (500 M. /Roll)

 CB-1040AB-5	PV Solar Cable 4 mm ² , Black	500 ^R M. /Roll	32.60 /m.
 CB-1040AR-5	PV Solar Cable 4 mm ² , Red	500 ^R M. /Roll	32.60 /m.
 CB-1060AB-5	PV Solar Cable 6 mm ² , Black	500 ^R M. /Roll	46.60 /m.
 CB-1060AR-5	PV Solar Cable 6 mm ² , Red	500 ^R M. /Roll	46.60 /m.



SOLAR CABLE (100 M. /Easy Box)

 CB-1040AB-1	PV Solar Cable 4 mm ² , Black	100 ^R M. /Easy Box	33.30 /m.
 CB-1040AR-1	PV Solar Cable 4 mm ² , Red	100 ^R M. /Easy Box	33.30 /m.
 CB-1060AB-1	PV Solar Cable 6 mm ² , Black	100 ^R M. /Easy Box	47.80 /m.
 CB-1060AR-1	PV Solar Cable 6 mm ² , Red	100 ^R M. /Easy Box	47.80 /m.

Remark : 1. Packing 100^R M./ Box หรือ 500^R M./ Roll หรือ 1,000^R M./ Roll (มี R) หมายถึง สินค้าที่มีใน Stock แต่ต้องซื้อแยก Box หรือ Roll
 2. Packing 100* M./ Box หรือ 500* M./ Roll หรือ 1,000* M./ Roll (มี*) หมายถึง สินค้าที่ต้องสั่งผลิต และ ต้องสั่งซื้อแยก Roll เท่านั้น