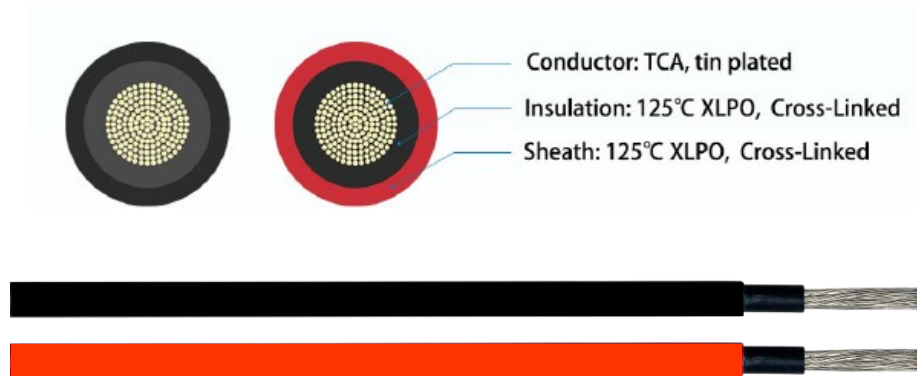


LIMAZ Solar cable



Solar cable

- Rated Voltage: 2000V DC
- Range of cross sectional area: 1X4mm², 1X6mm², 1X10mm²
- Standard: TUV SUD PPP58209A

APPLICATION SUPPORT

- Halogen free cross-linked polyolefin double layers solar cables for use at the photovoltaic power systems. This cable can match with all kinds of solar connectors which have a rated voltage of 1000V up to 2000V DC.

Certificate

- PPP58209A
- B1161110004

CABLE CONSTRUCTION

Conductor	Tinned copper alloy wires (TCA)
Insulation	125°(Low-Smoke Halogen-Free Flame Retardant Polyolefins
Sheath	125°(Low-Smoke Halogen-Free Flame Retardant Polyolefins
Special technology	Electron Beam Radiation Cross-linking

Electrical characteristics

Rated voltage UO/U	DC 2000V
Temperature range	-40°C up to +90°C
Max. temperature at conductor	120°C
Min. bending radius	6 x cable diameter
Industry Standards	PPP58209A
Tensile strength and elongation	EN 60811-1-2
Halogen free	50525-1 Annex B
Ozone resistance	EN 50396
UV resistance	EN50289-4-17
Cold impact test	EN60068-2-78

Ordering Information

Part Number	Description	Strand design Number x ϕ mm.	Diameter Over Jacket (mm.)	Color	Length (M)
LMZ-SBARD-200	LIMAZ Solar Cable 1x4mm ² , 2000V	56/0.285	5.6 ± 0.1 mm.	Red	200
LMZ-SBARD-500	LIMAZ Solar Cable 1x4mm ² , 2000V	56/0.285	5.6 ± 0.1 mm.	Red	500
LMZ-SBARD-1000	LIMAZ Solar Cable 1x4mm ² , 2000V	56/0.285	5.6 ± 0.1 mm.	Red	1000
LMZ-SBABL-100	LIMAZ Solar Cable 1x4mm ² , 2000V	56/0.285	5.6 ± 0.1 mm.	Black	100
LMZ-SBABL-200	LIMAZ Solar Cable 1x4mm ² , 2000V	56/0.285	5.6 ± 0.1 mm.	Black	200
LMZ-SBABL-500	LIMAZ Solar Cable 1x4mm ² , 2000V	56/0.285	5.6 ± 0.1 mm.	Black	500
LMZ-SBABL-1000	LIMAZ Solar Cable 1x4mm ² , 2000V	56/0.285	5.6 ± 0.1 mm.	Black	1000
LMZ-SBBRD-200	LIMAZ Solar Cable 1x6mm ² , 2000V	84/0.285	6.1 ± 0.1 mm.	Red	200
LMZ-SBBRD-500	LIMAZ Solar Cable 1x6mm ² , 2000V	84/0.285	6.1 ± 0.1 mm.	Red	500
LMZ-SBBRD-1000	LIMAZ Solar Cable 1x6mm ² , 2000V	84/0.285	6.1 ± 0.1 mm.	Red	1000
LMZ-SBBBL-200	LIMAZ Solar Cable 1x6mm ² , 2000V	84/0.285	6.1 ± 0.1 mm.	Black	200
LMZ-SBBBL-500	LIMAZ Solar Cable 1x6mm ² , 2000V	84/0.285	6.1 ± 0.1 mm.	Black	500
LMZ-SBBBL-1000	LIMAZ Solar Cable 1x6mm ² , 2000V	84/0.285	6.1 ± 0.1 mm.	Black	1000
LMZ-SBCRD-200	LIMAZ Solar Cable 1x10mm ² , 2000V	77/0.4	7.2 ± 0.1 mm.	Red	200
LMZ-SBCRD-500	LIMAZ Solar Cable 1x10mm ² , 2000V	77/0.4	7.2 ± 0.1 mm.	Red	500
LMZ-SBCRD-1000	LIMAZ Solar Cable 1x10mm ² , 2000V	77/0.4	7.2 ± 0.1 mm.	Red	1000
LMZ-SBCBL-200	LIMAZ Solar Cable 1x10mm ² , 2000V	77/0.4	7.2 ± 0.1 mm.	Black	200
LMZ-SBCBL-500	LIMAZ Solar Cable 1x10mm ² , 2000V	77/0.4	7.2 ± 0.1 mm.	Black	500
LMZ-SBCBL-1000	LIMAZ Solar Cable 1x10mm ² , 2000V	77/0.4	7.2 ± 0.1 mm.	Black	1000