

120 mm² DC Solar Cable

This DC cable is compliant with EN 50618 standards. It is intended for use in photovoltaic power supply systems at a nominal voltage rate up to 1.5/1.5kV DC.



Overview

High-Performance Solar DC Cable

This H1Z2Z2-K certified DC cable is engineered specifically for photovoltaic power supply systems with a nominal voltage rating up to 1.5/1.5kV DC. Built with a robust electrolytic tinned copper conductor, it ensures reliable conductivity for indoor and outdoor solar installations. The cable features a halogen-free, flame-retardant construction, making it suitable for diverse environments including industrial fields and direct burial applications.

Technical Specifications

Cross-Sectional Area	120 mm ²
Nominal Voltage	1.5/1.5kV DC
Conductor Material	Electrolytic tinned copper
Conductor Class	Class 5 (IEC 60228)
Standard Compliance	EN 50618 (H1Z2Z2-K)

Construction & Materials

Insulation Material	Halogen-free cross-linked compound
Sheath Material	Halogen-free cross-linked, flame retardant compound
Available Colors	Red, Black

Application & Usage

Suitable Environments

- Indoor and outdoor
- Industrial fields
- Agriculture fields
- Explosion hazard areas
- Direct burial

Installation Methods

- Fixed installation
- Freely suspended
- Free movable
- Cable trays
- Conduits
- On/in walls

Ordering Information

Minimum Order Quantity	1000 meters
Sample Availability	Yes