

Technical Data Sheet | HYX H1Z2Z2
HYXIPOWER

General information

The direct current (DC) cables are specifically designed for photovoltaic systems. They feature high-quality insulation and construction, ensuring durability and optimal performance in outdoor environments.

Features

- **Conductor:** Annealed and tin-coated copper.
- **Insulation:** Electron beam cross-linked material.
- **Sheath:** Halogen-free for enhanced safety in photovoltaic applications.
- **Compatible Connector:** MC4 (requires a tool for safe disconnection).

Benefits

- Protection against water and moisture.
- Resistance to electrical corrosion.
- High tensile strength.
- Compliance with safety and efficiency standards for solar installations.

Electrical Specifications

(Verify with the model KB4 - KB6).

Cross-Sectional Area	4 mm ²	6 mm ²
Conductor Construction	56/0.3	84/0.3
Conductor Diameter	2.6 mm	3.42 mm
Minimum Insulation Thickness	0.67 mm	0.8 mm
Minimum Sheath Thickness	0.73 mm	0.8 mm
Overall Cable Diameter	6.1 mm	7.2 mm
Maximum Resistance (Ω/km)	4.95 Ω/km	3.3 Ω/km
Nominal Current (A at 60°C)	55 A	70 A

Additional Information

The cable is ideal for high-performance solar applications, ensuring compatibility with photovoltaic panel systems. Its robust design offers resistance to adverse weather conditions and demanding work environments.