

Solar Cable Size Chart

Choosing the correct solar cable size improves efficiency, minimizes voltage drop, and enhances system safety. This chart provides approximate current capacities and common applications for popular solar cable sizes, helping installers and DIY users select suitable cables for residential, commercial, and utility-scale photovoltaic systems.

Cable Size (mm²)	Current Capacity (Approx.)	Typical Applications
2.5 mm²	24 A	Small solar panels
4 mm²	32 A	Residential rooftop systems
6 mm²	41 A	Medium-sized PV arrays
10 mm²	57 A	High-power residential systems
16 mm²	76 A	Commercial solar installations
25 mm²	101 A	Large commercial systems
35 mm²	125 A	Utility-scale solar farms