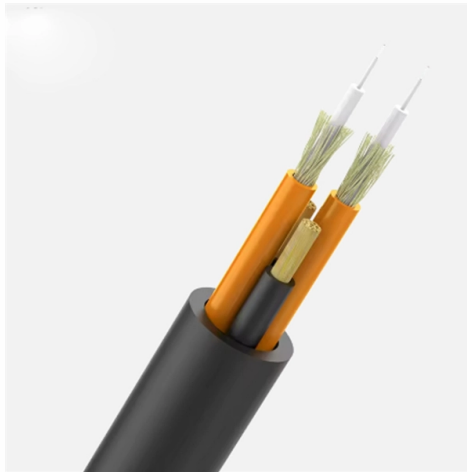


Outdoor power distribution box height options



AI Overview

Outdoor power distribution boxes should generally be installed with the bottom at least 3 feet (approximately 1 meter) above ground, with a typical working height between 4 and 6 feet for accessibility and safety.

Recommended Installation Heights

- **Minimum Height:** The bottom of an outdoor distribution box should be no less than 1 meter (about 3 feet) above ground to protect against water, dirt, and accidental impacts .
- **Typical Working Height:** For ease of access and maintenance, the centerline or bottom of the box is often installed between 4 and 6 feet (1.2 to 1.8 meters) from the ground . This allows users to operate breakers or read labels without bending or stretching excessively.
- **Maximum Height:** The top of the equipment, including the highest breaker handle, should not exceed 6 feet 7 inches (2 meters) to comply with NEC accessibility guidelines .

Additional Considerations

- **Ground Clearance:** Ground-mounted boxes should be raised 2 to 4 inches (50-100 mm) above the surface to prevent moisture damage .
- **Environmental Protection:** Outdoor boxes must have weatherproof enclosures (NEMA 3R or 4) to withstand rain, snow, and other environmental factors .

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