

Junction box plate half circle



Overview

3-1/2 in. W Steel Metallic Round Cover with 1/2 KO in These covers are made to fit onto 3-1/2" Steel boxes, Round Get free shipping on qualified Round Elec.

Key Takeaways

Half-circle junction box plates are specialized covers for semi-circular or partial-round electrical boxes, often used to protect wiring while maintaining a compact or aesthetic profile. Overview

A half-circle junction box plate is designed to cover a semi-circular or partial-round junction box, providing protection for electrical connections while allowing for mounting in tight or curved spaces. These plates are less common than standard round or rectangular covers, but they can often be custom-fitted from round junction box covers or sourced from specialty suppliers.

Options and Alternatives

- Round Electrical Box Covers: Standard round covers, available in 4-inch or other sizes, can sometimes be cut or adapted to fit a half-circle configuration. Weatherproof and indoor/outdoor models are available for protection against dust, moisture, and impact (Shielden Strut) .
- Junction Box Adapters: Some adapters and mounting brackets allow modification of existing boxes to fit non-standard shapes, including semi-circular layouts. These are useful for extending or repairing power cables while maintaining a secure enclosure (Amazon) .

- Custom or Modular Solutions: Suppliers like McMaster-Carr and CEF offer a wide range of junction boxes and covers, including round and circular options that can be adapted for half-circle applications . These may require minor modifications or custom fabrication to achieve a half-circle fit.

Considerations

- Material: Choose durable materials such as plastic, metal, or weatherproof composites depending on indoor or outdoor use.
- Mounting: Ensure the plate aligns with the box's screw holes or mounting points. Some half-circle plates may require custom drilling or brackets.
- Electrical Safety: Always ensure the cover fully encloses live wires and meets local electrical codes.

Summary

While pre-made half-circle junction box plates are rare, you can achieve a similar solution by using round junction box covers, adapters, or custom modifications. For outdoor or industrial applications, weatherproof options are recommended to protect wiring from moisture and dust . Suppliers like Amazon, Home Depot, McMaster-Carr, and CEF provide a variety of round and circular junction boxes and covers that can serve as a starting point for a half-circle configuration .

Article Content

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These covers are made to fit onto 3-1/2" Steel boxes,

Round

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About this item Internal mounting plate main for hinged cover junction box series stainless steel latch electrical box 13.8"x9.8"x5.9".

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Amazon : Junction Box Cover

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Wide range of applications This fixture mounting bracket adapter is designed for mounting fixtures and canopies to electrical junction

Amazon : Ceiling Junction Box Cover

CP3540 Ceiling Box Cover Plate, White, Fits 3.5-4 in Boxes | Invisible screw design and paintable white surface hide ceiling or wall

Electrical Round Plate/Holder Plate/Junction Plate

Product Summary: Electrical Round Plate/Holder Plate/Junction Plate Thickness 2.5 MM pack of 10 Material Used - PVC Phase -

Amazon : Round Junction Box

1-48 of over 4,000 results for "round junction box" Results Check each product page for other buying options.

Amazon : Electrical Outlet Cover Plates 2-gang, Round

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About this item □Standard Size□Diameter: 4inch, designed to cover 4 inch octagonal or round box, make the electrical box safe

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