

Price of Australian Fiber Optic Cable Junction Boxes from Factory

Article Overview

Factory prices for Australian fiber optic junction boxes typically range from AUD 30 to AUD 150 per unit, depending on capacity, material, and waterproof rating.

Overview of Fiber Optic Junction Boxes

Fiber optic junction boxes are essential for protecting and organizing fiber connections in both indoor and outdoor networks. They are commonly made from durable ABS plastic, often with waterproof and dustproof features (IP55 or IP65 ratings) to ensure reliability in harsh environments. These boxes can accommodate multiple fiber cores, ranging from small 2-12 core boxes for residential or small business use to high-density boxes for data centers and telecom networks.

Factors Affecting Price

- o Capacity: Boxes with higher fiber core capacity (e.g., 24-48 fibers) are more expensive than low-density boxes (2-12 fibers) due to additional internal components like splice trays and adapters.
- o Waterproof Rating: Outdoor-rated boxes with IP65 protection cost more than indoor-rated boxes due to enhanced sealing and gaskets.
- o Material Quality: Premium ABS or reinforced plastics, corrosion-resistant coatings, and impact-resistant designs increase the price.
- o Functionality: Some boxes include pre-installed adapters, splice trays, or splitters, which can raise the cost compared to basic termination boxes.

Typical Price Ranges in Australia

- o Small residential/FTTH boxes (up to 12 cores): AUD 30-60 per unit.
- o Medium-density boxes (12-24 cores, waterproof): AUD 60-100 per unit.
- o High-density or industrial-grade boxes (24-48 cores, IP65, with splice trays): AUD 100-150 per unit.

Purchasing Considerations

- o Wholesale Orders: Buying directly from factories or distributors often reduces the per-unit cost, especially for bulk orders.
- o Indoor vs Outdoor Use: Ensure the box meets environmental requirements; outdoor boxes require higher IP ratings.
- o Mounting Options: Wall-mounted, pole-mounted, or rack-mounted boxes may vary in price due to design complexity.
- o Warranty and Support: Many Australian suppliers offer 1-3 year warranties, which can influence the overall

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value . By considering these factors, businesses and installers can select the most cost-effective fiber optic junction boxes suitable for their network infrastructure while ensuring durability and compliance with Australian standards.

FS FHD/FHZ series fibre enclosures (wall mount/rack mount) provide versatility and flexibility with a fully modular solution for a

Have any questions about a specific fibre optic network cable or unsure which fibre cable is best suited to your needs? Our friendly

The Fiber Junction Box is a key item within our extensive Junction Box selection. Yes, waterproof junction boxes are a must for

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Explore verified suppliers offering low-price fiber optic splice boxes, ideal for wholesale. With options from 24 to 144 cores, start your

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Fibre enclosures are an essential component for organising and protecting fibre optic cables, and at CERTECH, we offer a diverse

The Diamond Optics Junction Box is applied on mobile masts or buildings servicing up to four Remote Radio Units (RRUs) from a

The OSA wall mounted fibre termination enclosures are designed for compact splice/patch and field termination of optical fibre

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FTTH Termination Box available for the distribution and terminal connection for various kinds of optical fiber system, Some are used

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