# ZITHA TECH SPECIALTY CABLES (Pty) Ltd

# Botswana FOB OPGW Fittings Single Mold



## Overview

Hardware For OPGW CableWe manufacture a wide range of hardware fittings for OPGW Optical Ground Wire, including Suspension and Tension Assemblies, Mexican.

## Key Takeaways

Single mold OPGW fittings for Botswana are available from international suppliers and local distributors, designed to meet IEC and ANSI standards for overhead fiber optic cable installations.Overview of Single Mold OPGW Fittings

Single mold OPGW fittings are hardware components used to secure and terminate optical ground wires on transmission and distribution lines. They are designed to:

• Transfer axial tensile loads and distribute radial compressive forces to protect the central optical fibers .

• Include structural reinforcing rods, wedge housings, and earth bonding leads for high fault current applications .

• Accommodate left-hand or right-hand lay single-layer OPGW cables, ensuring proper mechanical and electrical performance .

• Withstand aeolian vibration, galloping, and environmental stresses typical in overhead line installations .
Standards and Compliance

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These fittings are manufactured according to international standards such as IEC, ANSI, ASTM, BS, and DIN . They are type-tested to ensure durability, mechanical strength, and electrical conductivity under operational conditions.

Suppliers for Botswana
• FERROBEND – Supplies a wide range of fittings, flanges, valves, and fasteners to Botswana. They can provide custom-built OPGW fittings and standard components suitable for EPC contractors and end users .

• Global OHL & Commodity Solutions – Offers OPGW hardware fittings and accessories, including single mold types, conforming to IEC and ANSI standards .

• Prysmian – Provides OPGW fittings (OP033-01 series) suitable for overhead fiber optic cable installations, with international shipping options .
Procurement Considerations
• FOB Terms: Ensure the supplier provides FOB pricing to Botswana ports, covering delivery up to the port of shipment.

• Compatibility: Verify the fittings match the specific OPGW cable type (single-layer, stranded, or aluminum-clad steel strands).

• Environmental Suitability: Consider corrosion resistance and mechanical load ratings for local climatic conditions.

• Technical Support: Suppliers often provide installation guidelines, torque specifications, and vibration mitigation recommendations. By sourcing from these suppliers, Botswana-based utilities or contractors can obtain high-quality single mold OPGW fittings that meet international standards and are suitable for local transmission and distribution projects .

## Article Content

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Section 5

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OPGW Bonding Assembly

Explore AFL OPGW Bonding Assembly Conductor Accessories. Compare specifications, compatibility and options to support reliable

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