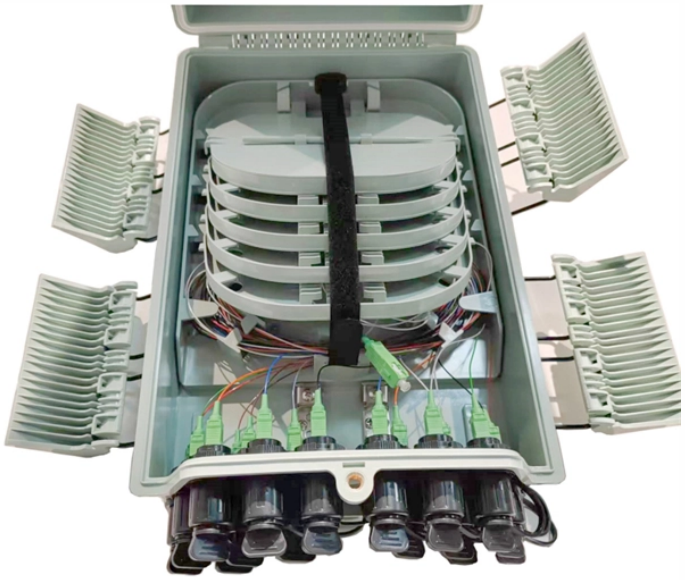
Cables optical fibers steel core aluminum stranded wire



Overview

HexaCore OPT-GW houses and protects the optical fibers within gel-filled stainless steel tubes. Aluminum clad steel and aluminum alloy wires are stranded with the tubes to create a dual-layer design suitable for a variety of applications. AFL AlumaCore OPGW (Optical Ground Wire) is preferred for its central aluminum pipe and color-coded fiber optic buffer tubes which simplify the splicing process while providing optimum fiber protection as well as long term product reliability. Optical Ground Wire (OPGW) is a dual functioning cable. The specific structure is as follows: Stainless. ZTT OPGW is mainly divided into: central-type stainless steel tube OPGW, stranded-type stainless steel tube OPGW, al-covered stainless steel tube OPGW, aluminum tube OPGW, lightning resistant central stainless steel tube OPGW with compressed wires and OPPC. Through these materials, a balance is reached between the strength provided, electrical conductivity, and optical security.

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	Our optical fiber is located in a PBT plastic loose tube, and the outside is covered with a seamless aluminum tube. The aluminum tube is stranded with 1 to 2 layers of monofilament, which can be all ...
	The stainless optical tube is located at the center of the cable protected by single or multiple layers of aluminum clad steel, aluminum alloy wires, or steel wires.
	The optical unit is stranded with aluminum-clad steel wire and aluminum alloy wire to meet the necessary strength and conductivity and further protect the ...
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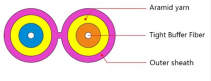
The OPGW cable design is constructed of a fiber optic core (with multiple sub-units depending on the fiber count) encased in a hermetically sealed hardened aluminum pipe with a covering of one or ...

See our innovative products in action and learn how they can help make your job easier. Written by industry experts, our manuals provide essential information to assist with basic applications, ...



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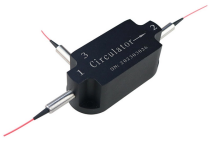
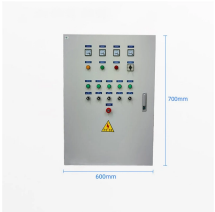


Learn everything about OPGW cable in this detailed Q& A guide: structure, types, benefits, applications, installation, and how it compares with ADSS cables.



AFL''s products are in use in over 130 countries and include fiber optic cable and hardware, transmission and substation accessories, outside plant equipment, connectivity, test and inspection equipment, ...

Contact Us

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