



# OPGW Cable



Optical Ground Wire is a dual functioning cable that performs the duties of a ground wire - also known as static wire - while providing a path for the transmission of voice, video or data signals by incorporating optical fibers into the design of the cable. An optical ground wire provides in one cable:

- Ground wire protection;
- Lightning protection for overhead power lines;
- Fibre optic cable for high performance telecommunication network.

Our OPGW is ideal for voice, data and video communications and integrates easily into new and established high voltage systems. OPGW is placed at the highest point on power utility structures, allowing for fast, cost-effective installations and extraordinary reliability.

#### Features:

- High crush resistance;
- Hermetic seal of the optical fibres;
- Loosely packed optical fibres;
- Fiber elongation < 0.01% to achieve highest reliability;
- Compact configuration, up to more than 100 fibres.



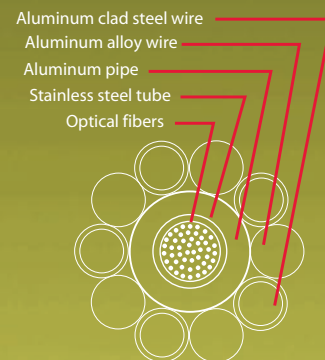
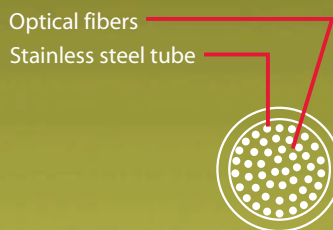
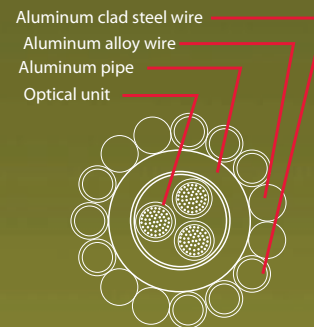
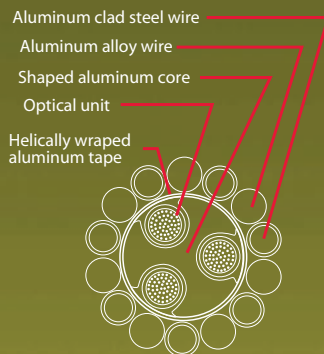
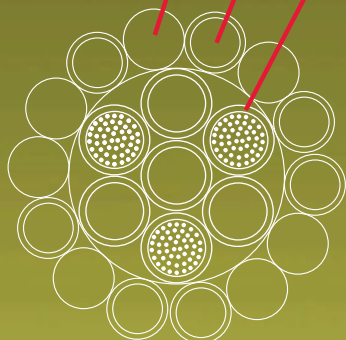
您的伙伴在中国

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Stainless steel tube with optical fibers  
 Aluminum clad steel wire  
 Aluminum alloy wire



## Coppral Products

COPPRAL CABLE & WIRE INDUSTRIES is specialized in supplying products from China since 1994. We participate in the market as Manufacturers and Traders, specially for segments of:

• Telecommunication • Energy Transmission • Data Transmission

OUR MAIN PRODUCTS ARE:

- Copper Clad (and Plated) Wires and Stranded Wires, several diameters and DC electrical resistances, several standards: Q/320412 HTR003-2003; ASTM B452-02; ASTM B227-02; BS4087-1989;
- Copper Clad Aluminum Wires: diameters from 5,15mm to 0,12mm, several standards SJ/T11223-200; ASTM B566-93;
- Aluminum Clad Steel: Wires and Stranded Wires, reinforced, SJ/T11223-2000; ASTM B566-93;
- Aluminum Alloy: 5154, 6201, others, Wires and Stranded Wires;
- All Aluminum Conductor, Aluminum-Clad Steel reinforced, main technical parameters of ACSR (AW);
- Galvanized Steel Wire and Stranded, Class A;
- Steel and Stainless Steel Bolts & Nuts;
- Aluminum Foil, by Cu, AL, Steel, Polyester and other composite tapes employed as cable's shields and water-blocking (Polyacrylate Swelling Powder);
- Coaxial Cable RG6, RG11 and RG59, finished and semi-finished;
- LAN Cable;
- Drop Wire cable;
- Power Cable, OPGW, Submarine Cable, Optical Fiber and Accessories;
- High Speed Braid Machinery: vertical, horizontal, equipment for complete plants;
- Drawing Machinery for CCAW and CCSW, complete plants.

COPPRAL developed products with Assured Quality (AQ) and supplying involves all steps since factory production, delivery to Chinese Ports, sea freight contracting and CFR delivering to client's country.

Its market is based on Latin American and African countries, mainly for Brazilian market, where is supported by BANCOR INTERNACIONAL LTDA, based in São Paulo city, SP.

Deliveries are rigidly complied and costs are very competitive all over the world.

COPPRAL CABLE WIRE INDUSTRIES es especializada en suministros de productos hechos en China, desde 1994, con participación en el mercado, como Productor y Trader, con atención a los seguimientos siguientes:

• Telecomunicación • Transmisión de energía • Transmisión de datos.

NUESTROS PRINCIPALES PRODUCTOS SON:

- Acero Cobreado (cinta de cobre y/o electrodeposición) en hilos y en cables torcidos, en diferenciados diámetros así como en las distintas especificaciones de resistencias óhmicas, observadas normas técnicas Q/320412 HTR003-2003; ASTM B452-02; ASTM B227-02; BS4087-1989;
- Aluminio Cobreado (cinta de cobre) en hilos y en cables, en todas las especificaciones constructivas de acuerdo a las normas técnicas: SJ/T11223-200 – ASTM B566-93;
- Acero Aluminio con la aplicación de capas uniformes de aluminio en hilos de acero y cables torcidos, observadas las normas técnicas: SJ/T11223-2000; ASTM B566-93;
- Aluminio-Liga: 5154, 6201, otras especificaciones, en hilos e cables;
- Conductor de Aluminio, Acero Aluminado reforzado, según parámetros de ACSR (AW);
- Acero Galvanizado hilos y cables, Clase A;
- Tornillos y tuercas in Acero Inoxidable y al Carbón;
- Cintas bimetálicas en Cu, AL, Steel, Poliester, ALPET y otras composiciones de cintas empleadas en blindaje de cables y bloqueo de humedad (Polyacrylate Swelling Powder);
- Cables Coaxiales RG6, RG11, RG59, terminados o semi-terminados;
- Cables LAN;
- Cable doble para teléfonos;
- Cable de Energía, OPGW, Submarinos, Cables Ópticos e accesorios;
- Tranzadera de alta producción: vertical, horizontal, equipos completos de una planta;
- Trefileras para plantas de Acero cobreado y aluminio cobreado.

COPPRAL desarrolló productos con la Calidad Asegurada (QA) y los suministros envuelven todos los pasos desde la fábrica productora, despacho y embarque en el puerto en China, contratación de flete marítimo, hasta CFR al puerto de destino.

Su mercado esta basado en países de America Latina y Africa, principalmente para el mercado Brasileño, donde esta representada por la empresa BANCOR INTERNACIONAL LTDA, São Paulo, SP. Los embarques de órdenes son cumplidos rígidamente y los costos son competitivos en todo el mundo.

All in Copper,  
 Steel &  
 Aluminum

- Electronic
- Electrical
- Radio Frequency
- Data Transmission
- Telecommunication
- Energy Transmission
- Raw Material and Semi-finished



Representatives in Latin America:

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