Aluminum sheath and steel tape for communication optical cables



Overview

Acting as a shield, aluminium tapes, aluminium foils and steel tapes are protecting electric and communication cables against moisture, heat, light, humidity, corrosion, rodent destruction as well as mechanical and/or electric stresses. Our aluminium and steel tapes/foils are an excellent medium for providing long-term protection against all naturally occurring elements found above and beneath the ground. With the support of our partners, HEC-Holland is a preferred supplier within the market of cable shielding and insulation. Within the expansive realm of materials and manufacturing, aluminium tape for optical cables suppliers play a pivotal role due to their versatility and adaptability. These thin sheets of aluminum are primarily used across various industries for their exceptional properties. Known for their. GYTA53 fiber optic cable is specifically designed for direct burial and outdoor applications. Cables with lead alloy sheath - the first solution adopted in the development of metallic.



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Article Content

Aluminium tape for optical cables suppliers

Discover aluminum tape for optical cables suppliers with CE-certified, corrosion-resistant solutions ideal for armored fiber optic cables and submarine applications.

GYTA53, GYTA53 fiber optic cable

GYTA53 fiber optic cable, with its steel tape and aluminum tape armor and double sheath, is suitable for installation in harsh environments with expected

Composition of communication optical cable

It consists of double-sided plastic-coated aluminum strips (PAP) or steel strips (PSP) longitudinally bonded outside the cable core. In addition to providing mechanical protection for the

Technical Specifications of Steel and Aluminum-Plastic Composite

Technical Specifications of Steel and Aluminum-Plastic Composite Tapes for Optical Cables By omccable-admin / 01/14/2026 Download

Aluminum Steel Tape Armored Fiber Cable

This outdoor fiber optic cable is built for tough conditions, incorporating stranded loose tubes for fiber protection, dual metallic armor (aluminum + steel tape) for

Smooth Welded Aluminium Sheath

The smooth welded aluminium sheath consists of an aluminium tape, longitudinally applied over the cable core, shaped around it and welded. The outer polyethylene sheath is firmly bonded to the

ARMOR-LITE Unitube Single Jacket Steel Tape Armored Fibre

Features & Benefits Available up to 24 fibre count in either single-mode or multi-mode optical fibres Steel tape adds to crush resistance as well as can be used as a cable locator after installation

Stranded Loose Tube Aluminum/Steel Tape Double Sheath Armored

Fiber optic units are armored with metal aluminum table, water-blocking materials, steel tape and double sheath outside, which makes it is available for directly buried in the ground.

Stranded Loose Tube Cable Factory: 2026 Quality Suppliers

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Find top-rated stranded loose tube cable factories with verified suppliers, competitive pricing, and fast shipping. Click to discover reliable manufacturers for your fiber optic needs in 2026.

Armored Cable Guide: Types, Applications & Safety

Armored cable is a vital solution for environments where electrical or communication circuits must endure mechanical stress, moisture, or external

GYTA-4 4-core 8-core 12 core 24 core communication optical cable

Aluminum strip longitudinal cladding twisted type optical cable (GYTA) Communication use of metal reinforced components, loose layer twisted filling type, aluminum polyethylene bonded sheath

24 Cores GYTA53 Fiber Optic Cable Direct Buried

24 Cores GYTA53 fiber optic cable Applications These corrugated steel tape and aluminum tape armored and double sheath cables are suitable for installation in harsh environments

GYTA53 Fiber Optic Cable (Direct buried)

Designed for harsh outdoor environments, this cable integrates both an Aluminum Polyethylene Laminate (APL) inner sheath and a Corrugated Steel Tape (CST) outer armor to ensure zero water

Xi''an Fiber Optic Cable Supply FiberHome Outdoor Buried Fiber Optic ...

Overview Aluminum Strip Longitudinal Wrapped Twisted Fiber Optic Cable (GYTA) Characteristics of outdoor communication optical cables with metal reinforced components, loose sleeve layer twisted

Xi''an Fiber Optic Cable Supply FiberHome Outdoor Buried Fiber Optic ...

The fiber optic cable is protected by critical components such as corrosion-resistant and high Young''s modulus phosphated steel wire and full section water-resistant structure. The fiber optic cable is

48 Core Fiber Optic Cable GYTY53 Outdoor Armored Double Jacket

Description of 48 Core GYTY53 fiber optic cable Fiber optic cable GYTY53, 2~144 fibers, central strength member (steel), jelly filled, fiber contained loose tube and PP filler (if necessary) stranded,

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GYXTW Fiber Optic Cable (Aerial and Duct) Prices

Unitube Light Armored GYXTW is an outdoor use optical fiber cable suitable for duct and aerial applications. We supply GYXTW from 2 fiber cores to 24 fiber cores. Both single mode type and

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