

# Gyta optical cable diameter



## Overview

The cable's outer diameter is around 15mm. Filling material is thixotropic jelly, with a density of 0. Installing GYTA53 underground protects from the damage. Ducts, with diameters exceeding 50mm, provide housing, simplifying future. Loose tube construction, tubes jelly filled, elements (tubes and filler rods) laid up around metallic central strength member, polyester yarns used to bind the cable core, filling compound filled in the apertures of the cable core, then Al tape and PE outer sheath. 6% - No fiber. Outdoor optical cable for communication with metal reinforcing member, loose tube stranded and filled, aluminum-polyethylene bonded sheath 1. These aluminum tape armored cables GYTA are suitable for installation for long haul communication and LANs, especially suitable for the situation of high requirements of moisture resistance.



## Article Content

Nov 14, 2025

### GYTA optical cable

Loosening layer twisted optical cable GYTA (2-576 core) is a type of fiber optic cable that has become increasingly popular due to its high capacity and long-distance transmission capabilities. It is

Jul 01, 2025

### Optical Fibre Cable Technical Specification

Optical fibre cables supplied in compliance with this specifications is capable to withstand the typical service condition for a period of twenty-five (25) years without detriment to the operation

Sep 01, 2025

### GYTA33 Optical Cable | TeleTechno Communications

GYTA fiber optic cable is applied to long-distance positioning, the connection of the internal building, the distribution and the system that supports the internal building. A steel cable sometimes sheathed

Jan 15, 2026

### What is the GYTA fiber optic cable?

GYTA fiber optic cable is a stranded loose tube outdoor cable widely used for overhead, duct, and even direct burial applications. It combines strong

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### GYTA53 Optical Cable | TeleTechno Communications

Optical GYTA53 cable is an armored outdoor fiber optic cable of steel tape for direct buried. It consists of a loose tube that is twisted around the central resistance element, the GYTA53 fiber cable has the

Dec 22, 2025

### GYTA FIBER OPTIC CABLE

Loose tube stranded armored fiber optic cable (GYTA) The optical fiber is 250µm, the loose tube is made of high modulus plastic, which is filled with waterproof

Jan 05, 2026

### GYTA Optical Cable

Product weight: 140Kg/KM Tensile strength: 800/3000N Flattening strength: 800/3000N Cable diameter: 10.05mm (10.05-15.8mm) Operating environment: -40~60°C Technical standard: YD/T 901

Aug 15, 2025

## GYTA / GYTS Fiber Optic Cable

GYTA / GYTS Fiber Optic Cable The structure of GYTA optical cable is that single-mode or multi-mode optical fiber is sheathed in a loose tube made of high

Jan 15, 2026

## GYTA Fiber Optic Cable

Huadong Cable Group as a special GYTA fiber optic cable factory in China, We not only have over 30 years of production experience and 15 years of export experience in GYTA fiber optic cable, but also

Feb 09, 2026

## GYTA 24-144 Core Outdoor Optical Fiber Cable

GYTA outdoor fiber optic cable, is also called multi loose tube aluminum polyethylene laminated tape external cable, is consisted of 250um fibers held in oil filled PBT loose tubes wrapped around a

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## GYTS vs. GYTA Fiber Optic Cables: Key Differences ...

Introduction In fiber optic networks, armored cables like GYTS and GYTA are essential for harsh environments. Both offer durability and protection, but their structural differences impact ...

Feb 09, 2026

## GYTA, GYTA fiber optic cable

GYTA fiber optic cable Features: Careful management of excess fiber length ensures commendable tensile performance and temperature resilience. The PBT loose tube material, offering excellent

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## GYTA33 Optical Cable | TeleTechno Communications

AI Contact GYTA33 Optical Cable GYTA33 Optical Cable Resistant to underwater or high radius pressure and tensile strength GYTA fiber optic cable is applied to long distance positioning,

Mar 23, 2026

## GYTA Cable Armored fiber optic cable Single mode

Armored fiber optic GYTA single mode Cable offers flexibility for diverse network sizes, available in core counts from 2 to 288 cores

Dec 06, 2025

## GYTA Optical Fiber Cable-XS TEL

The structure of the GYTA optical cable involves placing 250µm optical fibers into loose tubes made of high modulus materials, with the loose tubes filled with

Oct 04, 2025

## GYTA Fiber Optic Cable

GYTA is with high strength loose tube that is hydrolysis resistant and the optical cable filling materials ensure high reliability, its APL makes the cable crush resistant and moisture proof. The GYTA fiber

Feb 04, 2026

## High quality GYTA single mode outdoor armored Fiber

Tubes (and fillers) are stranded around the strength member into a compact and circular cable core. An Aluminum Polyethylene Laminate (APL) is applied around

Apr 09, 2026

## Armored Aerial Cable GYTA | FS

Datasheet Outdoor Cable Single-armored Single-jacket Aerial Cables - GYTA GYTA is a type of fiber optic cable in stranded loose tube fiber optic cable with compact structure, and the cable jacket is

Apr 01, 2026

## Single Mode GYTA53 Tight Buffer Fiber Optic Cable

Applications include inter-city communication, and backbone network. The cable uses G.652D single-mode fiber. It features 9/125µm core/cladding diameter.

Mar 03, 2026

## Stranded Loose Tube Light-armored Fiber Optical Cable

GYTA is an outdoor use optical fiber cable suitable for duct and aerial applications. We supply GYTA fiber optic cable from 2 fiber cores to 288 fiber cores. Both

Jun 09, 2026

## GYTA / GYTS Fiber Optic Cable

If you need any technical support, we will also recommend the most suitable and cost-effective customized ADSS fiber optical cable for you according to the use

Sep 23, 2025

#### GYXTW OUTDOOR FIBER CABLE

1.2 Cable Description Loose tube cable is a design that has high tensile strength and flexibility in a compact cable size. Our loose tube cable provides excellent optical transmission and physical

Sep 12, 2025

#### Gyta optical cable

The GYTA optical cable is a type of fiber optic cable that is widely used in telecommunication networks. It is known for its high tensile strength, high

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#### 24 Core GYTC8S Figure-8 Fiber Optic Cable Price

24 Core GYTC8S Fiber Optic Cable Armor Stranded Loose Tube Steel Wire Strength Waterproof Figure 8 Self Supporting Outdoor GYTC8S is a typical self

Feb 10, 2026

#### Gyta optical cable characteristics

Gyta optical cables are commonly used in telecommunication networks for long-distance transmission of data signals. They are a type of

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.elagage-lorrain.fr>

Email: [sales@elagage-lorrain.fr](mailto:sales@elagage-lorrain.fr)

Phone: +33 6 47 82 19 35

Address: 15 Rue de la République, 69002 Lyon, France

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