

# **Steel-plastic composite tape for communication optical cables**





## Overview

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Copolymer Coated Steel Tape (also called CCST) is mainly used as a shield and moisture-proof layer inside the "jacket" of a communication cable, optical fiber (or fiber-optical) cable or similar. It consists of a steel tape, which is coated on both sides with an adherent ethylene. According to our (Global Info Research) latest study, the global Steel Plastic Composite Tape for Optical Cables market size was valued at US\$ 512 million in 2024 and is forecast to a readjusted size of USD 724 million by 2031 with a CAGR of 5. The plastic coated steel tape is a metal composite tape material made of stainless steel tape or chrome-plated steel tape as base material, and single-sided or double-sided laminate. In emerging economies, rapid infrastructure expansion and government-led digitalization initiatives dominate demand drivers.



## Steel-plastic composite tape for communication optical cables

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### Application And Advantages Of High-Performance

Application And Advantages Of High-Performance Plastic Coated Steel Tape In Cable Manufacturing  
Posted on July 14, 2025 Plastic coated steel

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### Steel Plastic Composite Tape for Optical Cables Market, Report Size,

The major global manufacturers of Steel Plastic Composite Tape for Optical Cables include Star Materials, VITAHCO, HTS Group, HONOR, Çemesan Group, Jiangsu Suxun New Material, Jiangsu

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### 0.20\*23 Stainless steel composite tape for communication cable and

It combines the shielding property of metal and the corrosion resistance of plastic, featuring light weight, excellent strength, easy cutting and winding, and is suitable for various processing scenarios.

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### Copolymer Coated Steel Strip

Steel-plastic composite tape is an important material for cable insulation protection, which is composed of steel tape and ethylene acrylic acid copolymer (EAA). The

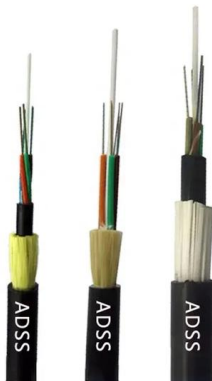
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### G-Series Subgrouping

Inner cable is a fully functional G-Series Subgrouping riser-rated cable High-performance components and construction The steel-armor is easily removed

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### Plastic Coated Steel Tape

The plastic coated steel tape is a metal composite tape material made of stainless steel tape or chrome-plated steel tape as base material, and single-sided or

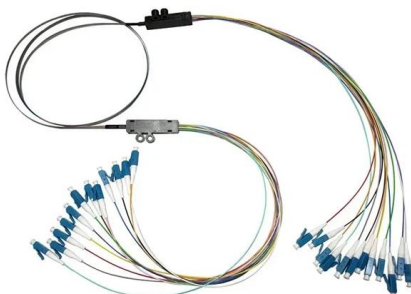
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### Technical Specifications of Steel and Aluminum-Plastic Composite

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

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### Armoring Shielding Insulation Copper-Plastic Composite



This insulation copper-plastic composite tape is mainly used for special cables that have request for senior shielding performance, such as computer, signaling,

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### **Global Steel Plastic Composite Tape Market Insights, Forecast to 2031**

Forming a comprehensive protective layer, it provides a reliable moisture-proof, shielding, and chemical protection layer for the cable core. Steel plastic composite tape for optical cables is a material widely

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### **Copolymer Coated Steel Tape,RLB**

Copolymer Coated Steel Tape is used for communication optical Cable and shielding cable and waterproof cable.

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### **Structure and Material of Optical Fiber Cable**

As we all know, optical cable is an optical information transmission medium consisting of optical fibers, polymer materials, metal-plastic composite

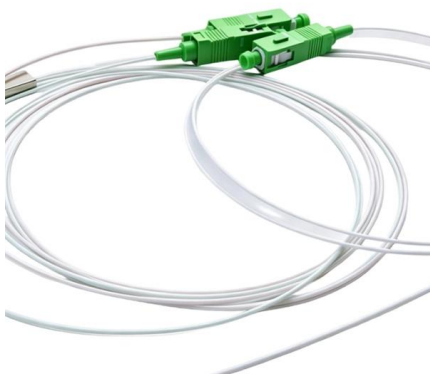
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### **Copolymer Coated Steel Strip**



Description: Steel-plastic composite tape is an important material for cable insulation protection, which is composed of steel tape and ethylene acrylic acid copolymer

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### **0.20\*23 Stainless steel composite tape for communication cable and**

Firm Bonding: The aluminum-plastic interface fits tightly, with no risk of delamination and falling off, and is not easy to break during processing. Application Scenarios: Mainly used for wrapping the shielding

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### **Plastic Coated Steel Tape - Kontakt Grup Trade**

Using the method of longitudinal wrapping, plastic coated steel tape can form a composite sheath of the optical fiber cable with the outside extruded polyethylene sheath to play a role of water

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### **COPOLYMER COATED STEEL TAPE**

Copolymer Coated Steel Tape (also called CCST) is mainly used as a shield and moisture-proof layer inside the "jacket" of a communication cable, optical fiber (or

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## Aluminum Polyester Tape for Optical Fiber Cable

Aluminum Polyester Tape for Optical Fiber Cable is a critical shielding and protective material used extensively in the construction of optical fiber cables. This composite tape combines a thin layer of

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## Aerial Fiber Optic Cable with Steel-Plastic Tape Gyxtc8s

Aerial Fiber Optic Cable with Steel-Plastic Tape Gyxtc8s, Find Details and Price about Fiber Optical Cable Self Self Supporting Fiber Cable from Aerial Fiber Optic

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## Global Steel Plastic Composite Tape for Optical Cables Market 2025

Steel plastic composite tape for optical cables is a material widely used in optical fiber communication systems, mainly for strengthening and protecting optical cables.

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## GDTS GDTA Composite/Hybrid Fiber Optic Cable With Steel Tape

GDTS GDTA Composite/Hybrid Fiber Optic Cable With Steel Tape Composite or Hybrid Fiber Optic Cables that have a number of different components laid up within the bundle.

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### **Armoring Shielding Insulation Copolymer Coated Steel**

Shanghai Gengyun Industrial Co., Ltd. offers a high-quality

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### **STEEL TAPE LONGITUDINAL LAYER STRANDED**

Buy Steel Tape Longitudinal Layer Stranded Optical Cable FR PE at the best price from Norden Communication, the global manufacturer and supplier of electrical

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### **High Tensile Plastic Coated Steel Tape for Communication Cable Optical**

Using the method of longitudinal wrapping, plastic coated steel tape can form a composite sheath of the optical fiber cable with

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### **Steel Plastic Composite Tape for Optical Cables Market**

The demand for steel plastic composite tape (SPCT) in optical cable manufacturing is shaped by distinct factors in emerging and mature markets. In emerging economies, rapid

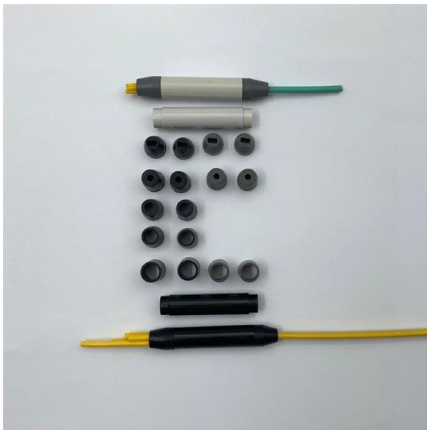
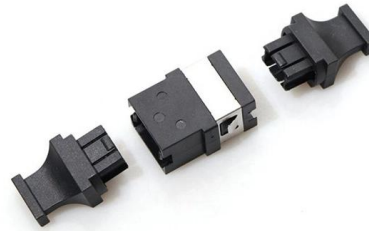
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## Galvanized Steel Tape Armored Fiber Optic Cables

Galvanized Steel Tape Armored Fiber Optic Cables General Information: Direct buried and/or duct type installation with highly reliable and industrial applications.

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## Application And Advantages Of High-Performance Plastic Coated

Plastic coated steel tape, also known as laminated steel tape, copolymer-coated steel tape, or ECCS tape, is a widely used composite functional material in modern optical cables,

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## Fiber-optic cable

A fiber-optic cable, also known as an optical-fiber cable, is an assembly similar to an electrical cable but containing one or more optical fibers that are used to carry

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