

The function of the aluminum tape for separating optical cables



Overview

This composite tape combines a thin layer of aluminum foil with a polyester (PET) backing, creating a flexible yet robust barrier that enhances the mechanical strength, electromagnetic interference (EMI) shielding, and environmental resistance of optical cables. DigitalPort assures heat-seal coating technology to avoid delamination issues which may cause some problems of cable applications. When it comes to shielding effectiveness, both Cable Screen - Aluminum Mylar Tape and Cable Screen - Copper Plastic Composite Tape offer high levels of protection against electromagnetic. S&A introduces our double-sided aluminum foil tape, an essential solution for cable shielding against electromagnetic interference. It is primarily used in cables that require. The addition of tapes, wraps, and fillers to your custom cable design can address concerns about your cable flex life, performance in extreme temperatures, and cancel cross talk.

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Its main purpose is to ensure stability and continuity of flawless power and telecommunication. Additionally, the CCAT function is to avoid interference, moisture penetration and corrosion but also ...



Kapton Tape: This tape is mechanically tough, increasing abrasion, cut-through and impact resistance. It also improves the cable's weather and chemical resistance, although it is susceptible to deterioration ...



Aluminum tape armored fiber optic cable is a type of armored fiber optic cable that is wrapped with a layer of aluminum tape for added protection. The aluminum tape acts as a shielding layer to provide ...



The main function of aluminum foil tape is EMI shielding widely used in telecommunication cable, data cable, coaxial-cable, network cable, signal cable ect. The standard color of cable aluminum foil tape is ...



DijitalPort assures heat-seal coating technology to avoid delamination issues which may cause some problems of cable applications. DijitalPort also prefers engineered Copolymer film such as Dupont ...



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The addition of tapes, wraps, and fillers to your custom cable design can address concerns about your cable flex life, performance in extreme temperatures, and cancel cross talk.



Its primary function is to provide protection against external interferences, such as electromagnetic and radio frequency interference, which could affect the performance of the cable. Additionally, the tape ...



S& A introduces our double-sided aluminum foil tape, an essential solution for cable shielding against electromagnetic interference. Our tape features two layers of ...



Cable Screen - Aluminum Mylar Tape is made of a thin layer of aluminum foil laminated with a polyester film. This construction provides excellent shielding properties against electromagnetic interference.



S& A introduces our double-sided aluminum foil tape, an essential solution for cable shielding against electromagnetic interference. Our tape features two layers of soft aluminum foil and a polyester film, ...

Contact Us

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