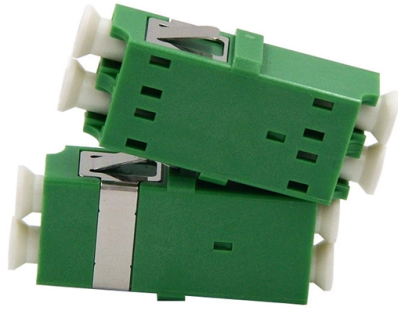


Price of all-dielectric ASS power optical cable



AI Overview

ADSS fiber optic cable prices typically range from \$0.25 to \$1.20 per meter depending on fiber count, span length, and structural features.

Pricing Overview

The cost of ADSS (All-Dielectric Self-Supporting) fiber optic cables varies significantly based on design and application requirements. For example, a 12-core ADSS cable for short spans (≤ 100 meters) with a standard double PE jacket and basic aramid strength members may cost around \$0.25–\$0.35 per meter, while a 48-core cable for long spans (≥ 500 meters) with reinforced structure, high tensile strength aramid yarn, and tracking-resistant outer jacket can range from \$0.90–\$1.20 per meter.

Factors Affecting Price

- **Fiber Core Count:** More cores increase the number of buffer tubes and overall cable size, raising production costs.
- **Cable Span Length:** Longer spans require higher tensile strength and reinforced jackets, which increase material and manufacturing costs.
- **Environmental Resistance:** Cables designed for extreme weather, high-voltage proximity, or mechanical stress may include aramid yarn layers, water-blocking elements, and specialized jackets, all of which affect pricing.
- **Material and Construction:** Central strength members, optical fibers, and sheathing materials (PE, AT, or gel-filled) influence durability and cost.

Article Content

Sep 02, 2025

ADSS Fiber Optic Cable | All-Dielectric Self-Supporting

AFL's ADSS (All-Dielectric Self-Supporting) fiber optic cable is designed for aerial installation without the

Jun 09, 2026

adss fiber optic cable provider-Fiberinthebox

ADSS Fiber Cables ADSS (all dielectric self supporting) Optical Fiber Cable is used by electrical utility companies as a

Mar 25, 2026

24 Core ADSS Optical Fiber Cable: Specifications and Price Factors

Download ADSS Cable PDF 24 Core ADSS Fiber Cable Specs & Pricing | ADSS Cable Guide The aerial fiber optic solution most

Sep 14, 2025

ADSS All Dielectric Self-Supporting Aerial Cable II

Strand and lash cable installation As electric utility companies are considering expanding or starting fiber networks, there are two

Nov 11, 2025

ADSS Fiber Cable: Advanced All-Dielectric Self-Supporting Solution

ADSS (All-Dielectric Self-Supporting) fiber cable represents a groundbreaking advancement in telecommunications infrastructure,

Jun 12, 2026

Power optical fiber cable adss dielectric

Find wholesale power optical fiber cable adss dielectric, data communication cable, and much more at Alibaba . Buy

Dec 30, 2025

All Dielectric Self Supporting (ADSS) Cable

All Dielectric Self Supporting cable or more commonly referred to as ADSS cable is a type of fiber optic cable that is used in aerial

Apr 25, 2026

All-Dielectric Self-Supporting (ADSS) Fiber Optic Cable: A ...

ADSS (All-Dielectric Self-Supporting) fiber optic cables are specialized cables designed for aerial installation without

Jun 20, 2026

ADSS Fiber Optic Cable, Price And Specifications

ADSS fiber optic cable, which stands for “all-dielectric self-supporting optical cable,” uses special materials

Mar 20, 2026

ADSS Single Jacket All-Dielectric Self-Supporting Fiber optic cable Price

ADSS fiber optic cable (All-Dielectric Self-Supporting) fiber optic cable is a non-metallic cable which supports its own

Feb 09, 2026

The Most Complete Guide to All Dielectric Self Supporting ADSS Cable

When choosing ADSS (All-Dielectric Self-Supporting) cable, analyze the investment cost alongside bottom-line

Sep 25, 2025

All Dielectric Self-Supporting Optical Fiber Cable (ADSS)

Application: All Dielectric Self-Supporting Optical Fiber Cable (ADSS) is a kind of nonmetal optical cable

Apr 30, 2026

Item # ADSS-24, ADSS All Dielectric Self-Supporting

ADSS cables offer a rapid and economical means for deploying optical fiber cables along existing aerial

Oct 22, 2025

All-dielectric Self-supporting cable (ADSS) with Enhanced All ...

All-Dielectric Self-Supporting Cable (ADSS) is a kind of nonmetal optical cable made of dielectric material, it can bear the load and

Mar 26, 2026

Adss all dielectric cable price

Discover premium quality adss all dielectric cable price, which is produced to ensure durability and efficiency in power transmission.

Dec 29, 2025

Fiber Optic Cable ADSS Leading Manufacturer Excellent Quality

Fiber Optic Cable ADSS, full name is a full dielectric self-supporting. The ZMS all-media self-supporting fiber optic cable ADSS is a

Sep 01, 2025

ADSS fiber optic cable price | A Complete Buyer's Guide

Introduction to ADSS Fiber Optic Cables and Their Price Variations As global demand for faster and more reliable broadband

Feb 02, 2026

ADSS Cable, All Dielectric Self-Supporting Fiber Optic

ADSS Fiber Optic Cables ADSS cable is a kind of all composed of media materials, it contains the

Oct 02, 2025

Customized Fiber Optic Cable|Adss Fiber|All Dielectric Self Supporting ...

All-dielectric self-supporting (ADSS) cable is a type of optical fiber cable that is strong enough to support itself between structures

Sep 22, 2025

ADSS fiber optic cable price | A Complete Buyer's Guide

Discover the latest ADSS fiber optic cable prices for various spans and core counts. Get competitive quotes, understand cost factors,

Oct 05, 2025

Standard ADSS Fiber Optic Cable

All-Dielectric Self-Supporting (ADSS) Fiber Optic Cable AFL-ADSS® (All-Dielectric Self-Supporting) cable is ideal for installation in

Mar 28, 2026

All-dielectric self-supporting cable

All-dielectric self-supporting (ADSS) cable is a type of optical fiber cable that is strong enough to support itself between

Oct 30, 2025

All Dielectric Self Supporting Fibre Cable(ADSS)

Our main products are ADSS fiber cable, OPGW fiber optic cable, OPPC fiber optic cable, and aerial fiber optic cable accessories.

Mar 17, 2026

ADSS All Dielectric Self-Supporting Fiber Optic Cable

Applications The "All Dielectric Self-Supporting (ADSS)" cables are designed for aerial self-supporting applications at short,

Jan 28, 2026

ADSS Fiber Optic Cable | All-Dielectric Self-Supporting Aerial Cable ...

AFL-ADSS (All-Dielectric Self-Supporting) fiber optic cable is a non-metallic cable which supports its own weight without the use of

May 08, 2026

Item # ADSS-1, ADSS All Dielectric Self-Supporting Fiber Optic Cable

ADSS cables offer a rapid and economical means for deploying optical fiber cables along existing aerial rights-of-way. They are

Jun 14, 2026

What is the price of ADSS optical cable? A comprehensive analysis of ...

This article will provide a detailed analysis of the price structure of ADSS optical cable, the main influencing factors,

Jul 01, 2026

All-dielectric self-support fiber optic cable (ADSS)

All-dielectric self-support fiber optic cable (ADSS) ADSS cable is loose tube stranded structure. The optical fiber is 250μm, the loose

Contact Us

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

Website: <https://ntmmgroup.co.za>

Email: sales@ntmmgroup.co.za

Phone: +27 82 471 2596

Address: Unit 7, Optic Park, 24 High-Tech Lane, Century City, Cape Town,
7441, South Africa

This document is for informational purposes only. Specifications subject to
change without notice.

