

## Icelandic large-core fiber ADSS



### Overview

AFL-ADSS® (All-Dielectric Self-Supporting) fiber optic cable is a non-metallic cable which supports its own weight without the use of lashing wires or messenger cables, typically installed in overhead applications along power distribution or transmission rights-of-way. As its name indicates, there are no metallic components and the cable does not require a support or messenger wire. Designs with mixed fiber types will have multimode or NZDS fibers in the first tube(s) followed by single-mode fibers in the last tube(s). Both single mode and multimode fibers can be arranged in ADSS cables with a maximum of 144 fibers. They are adopted widely because they are made of fully dielectrics, are relatively lightweight, and can be installed even without conducting.

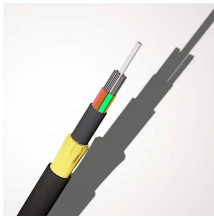
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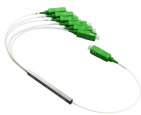
ADSS cable is a type of fiber optic cable that is strong enough to support itself between structures without containing conductive metal elements. Both single mode and multimode fibers can be ...



ADSS cable does not need any additional support so it is small, lightweight and easy to install. Because it is non-conductive, it can be installed on towers or poles nearer electric wires, ...








ADSS (All-Dielectric Self-Supporting) cable is ideal for installation in distribution as well as transmission environments, even when live line installations are required. Using AT sheath, the working voltage ...

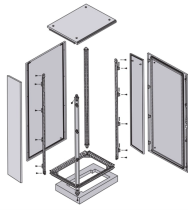


Fiber counts available for 12-432 fibers. Gel-Free Buffer tubes available with up to 216 fibers. Span lengths available from 100-2500 feet (or meters). Please contact AFL for span lengths outside this ...



As its name indicates, there is no support or messenger wire required, so installation is achieved in a single pass, making ADSS an economical and simple means of building a fiber optic network.

	<p>ADSS is an alternative to OPGW and OPAC with lower installation cost. The cables are designed to be strong enough to allow lengths of up to 700 metres to be installed between support towers.</p>
	<p>Applications Polyethylene or track resistant outer jacket Torque-balanced aramid yarns Quote Request Information Optical Information Reel Information AFL provides ADSS cable on several standard sizes of non-returnable wooden reels. Non-standard reel sizes are available upon request. See more on <a href="http://afl-delivery.stylelabs.cloud">afl-delivery.stylelabs.cloud</a> JEA</p>
	<p>Overview Construction details Accessories and installation Application issues</p>
	<p>AFL-ADSS® (All-Dielectric Self-Supporting) cable is ideal for installation in distribution as well as transmission environments, even when live-line installations are required.</p>
	<p>II-Dielectric Self-Supporting (AFL-ADSS®) Fiber Optic Cable AFL-ADSS® (All-Dielectric Self-Supporting) fiber optic cable is designed for outside plant aerial transmission and distribution environments. As its ...</p>



Explore the complete specifications of ADSS fiber optic cables, including structure details, mechanical performance, optical characteristics, and environmental resistance.



ADSS cable is a type of fiber optic cable that is strong enough to support itself ...

## Contact Us

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

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