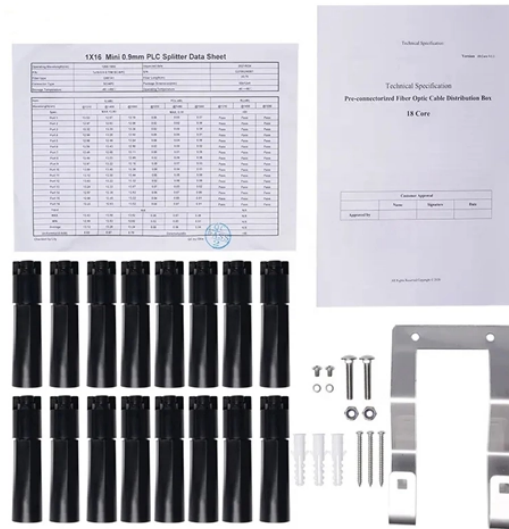


# ADSS optical cable parameters KN



## Overview

Two critical parameters determine which ADSS cable fits a specific route: electric field strength and environmental loading zone. For power lines up to 110 kV, a standard ADSS with an outer sheath thickness of 1.5 mm and tracking resistance of 2.5 kV/mm dry arcing distance works. ADSS Fiber Optic Cable work in a large-span two-point support (usually hundreds of meters, or even more than 1 km) overhead state, completely different from the traditional concept of overhead (post and telecommunications standard overhead hanging wire hook program, an average of 0. AFL-ADSS® (All-Dielectric Self-Supporting) cable is ideal for installation in distribution as well as transmission environments. Cable consists of stranded core with central strength member (FRP), dry loose tubes with optical fibers and PE fillers (black color). PET tape is laid over loose tubes layer. Two. TE HNICAL DATA SHEET NI ut m/ m at 1285~1330nm, ≤18ps/nm/km stalling Wind Spee This specification covers the design requirements and performance standard for the supply of optical fibre cable in the industry. ARTIC cable has excellent optical transmission and physical.

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ADSS cable is loose tube stranded. The 250um bare fibers are positioned into a loose tube made of high modulus plastics. The tubes are filled with a water-resistant filling compound. The tubes and fillers ...



5. Optical Fiber Cable Characteristics 5.1 The Mechanical and Environmental Performance of the Cable ... 5.2 Installation Conditions



Loose tube construction, tubes jelly filled, tubes with filler rods lay up around non metallic FRP (Fiber-glass Reinforced Plastic) central strength member, compound filled in the apertures of the cable ...



Two critical parameters determine which ADSS cable fits a specific route: electric field strength and environmental loading zone. For power lines up to 110 kV, a standard ADSS with an outer sheath ...



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.



These FlexTube® outdoor All Dielectric Self-Supported (ADSS) optical fibre cables are optimized for aerial installation and for blowing or pulling into ducts. Please contact your sales representative for ...



This specification covers the design requirements and performance standard for the supply of optical fibre cable in the industry. It also includes ARTIC premium designed cable with optical, mechanical ...



Our cable passport shows: cable type, technical standard number, cable length, fiber type, fiber coloring, fibers per tube, tube identification coloring, final attenuation for all fibers, refractive index of the fiber, ...



Therefore, the main parameters of ADSS cables are in line with the regulations of power overhead lines.



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

## Contact Us

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