

责任、效率、坚韧、开放

Responsibility、efficiency、tenacity、open



ADSS 全介质自承式光缆

全介质自承式光缆 (All Dielectric Self-Supporting Optical Fiber Cable, 简称ADSS光缆), 是一种全部由介质材料组成、自身可承载负荷、直接悬挂于电力杆塔上的非金属光缆, 主要用于架空高压输电系统的通信路线。

ADSS具有以下特点:

- (1) 全绝缘介质的自承式架空光缆, 结构中不含金属材料, 主要应用于电力系统
- (2) 芯数大、重量轻, 可与电力线同塔架设, 节约资源
- (3) 施工、维护方便, 大多不需停电
- (4) 采用抗拉强度高的芳纶材料承受较强张力, 可防止鸟啄和枪击;
- (5) 热膨胀系数较小, 在温度变化很大时, 光缆线路的弧度变化小
- (6) 不涉及防雷问题, 可用于多雷暴地区

ADSS(All Dielectric Self-Supporting Optical Fiber Cable) is a non-metal optical cable composed of dielectric material, self-supporting and hang on the transmission tower. It is main used in Overhead high voltage transmission system and telecommunication line.

Features:

- 1. All insulation dielectric Self-Supporting Optical Fiber Cable
- 2. Multi-core, light weight, can be laid with the power line at the same tower and save resources.
- 3. Easy construction and maintenance, mostly no need to cut the power.
- 4. Made of high tensile strength of aramid materials to bear strong tension and prevent the birding pecking and shooting
- 5. Small Thermal expansion coefficient, when there is big change of temperature, the radian of optical cable line will be small.
- 6. Can be used in more thunderstorm area.



