

ADSS-D All dielectric self-supporting optical cable

Product Model: **ADSS-D**

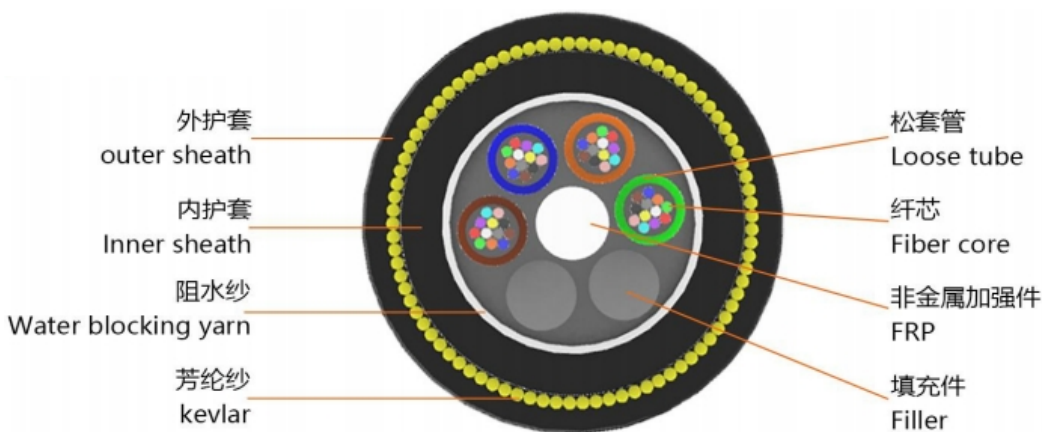
Description

ADSS double-jacketed fiber optical cables utilize a loose tube stranded construction. A medium-length 250μm optical fiber is sheathed in a loose tube made of high-modulus material and filled with a waterproof compound. The loose tube (and filler rope) are twisted around a non-metallic reinforced plastic (FRP) core to form a compact cable core. The gaps in the core are filled with a water-blocking grease. A polyethylene (PE) inner sheath is extruded over the core, followed by stranding of aramid fiber for reinforcement. Finally, a polyethylene (PE) or tracking-resistant (AT) outer sheath is extruded.

Characteristics

1. Can be continuously erected:
- 2, Adopting AT sheath, with superior resistance to electric marks:
- 3, lightweight and small cable diameter reducing the impact of ice and wind, as well as the load on towers and supports;
- 4, Cross Large distance and maximum span exceeding 1000m
5. It has superior tensile performance and temperature characteristics

Standards Applicable: Overhead



Technical parameter

光纤数 Fiber Count	参考距离 Reference distance	参考外径 Reference outer diameter	安装弧度（%） Installation arc	抗压强度 (N/100mm) rush strength	弯曲半径(mm) Bending radius
以24芯为例	100-300	10.8-12.2	0.6~3	含内护套/不含 2200/1000	12.5D/25D MM
	300-500	12.2-12.8			
	500-700	12.8-13.2			
	700-1000	13.2-13.8			
耐电痕:光缆能经受盐雾试验，加30kV电压试验1000小时，光缆表面任一点痕迹或蚀点不超过护套厚度50%					
风振:1.0x108循环，所测1550nm波长附加衰减小于1.0dB/km					
过滑轮:120次循环，所测1550nm波长附加衰减小于1.0dB/Km					