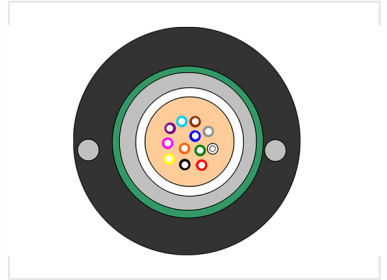


# Central Loose Tube Outdoor Fiber Optic Cable

This outdoor optical cable features a central loose tube design with multiple fibers and water-blocking gel. Parallel steel wires provide tensile strength and crush resistance, while a PE jacket protects against environmental factors.



## Product Overview

### Central Loose Tube Outdoor Fiber Optic Cable

This central loose tube outdoor fiber optic cable is engineered for robust performance in aerial and duct installations. Featuring a central tube design with water-blocking gel, it provides superior moisture protection for optical fibers. Reinforced with dual parallel steel wires, the cable ensures high tensile strength and crush resistance, while the durable polyethylene (PE) outer jacket protects against UV radiation and environmental abrasion.

## Mechanical Performance

### Bending Radius

**200 mm**  
Dynamic

**100 mm**  
Static

Tensile Strength (Long-term)	600 N
Tensile Strength (Short-term)	1500 N
Anti-stress (Long-term)	300 N/100 mm
Anti-stress (Short-term)	1000 N/100 mm

## Environmental Specifications

Operating Temperature	-40 °C to 70 °C
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## Optical Performance

### Attenuation Performance

Fiber Type	Wavelength	Max Attenuation
9/125 um	1310 nm	d 0.40dB/km
9/125 um	1550 nm	d 0.30dB/km
50/125 um	850 nm	d 3.5dB/km
50/125 um	1300 nm	d 1.5dB/km

## Standards

Reference Standard	YD/T 901
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