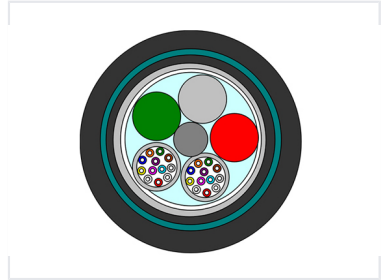


Outdoor Layer Stranded Optical Fiber Cable

This outdoor optical cable features a PE sheath for good mechanical and physical properties. Its aluminum and steel belt armored structure protects against extrusion and rodent damage.



Product Overview

Outdoor Layer Stranded Optical Fiber Cable

This outdoor layer stranded optical fiber cable is engineered for robust performance in demanding environments, suitable for both duct and direct burial applications. It features a loose tube construction with gel filling to provide superior protection for the fibers. With integrated corrugated steel tape armor for rodent resistance and a durable polyethylene outer jacket, this cable ensures reliable, long-term data transmission.

Mechanical Specifications

Tensile Strength (Long-term)	600 N
Tensile Strength (Short-term)	1500 N
Anti-stress (Long-term)	300 N/100mm
Anti-stress (Short-term)	1000 N/100mm
Bending Radius (Dynamic)	200 mm
Bending Radius (Static)	100 mm

Environmental Performance

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

Attenuation Performance

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

Standards & Compliance

Reference Standard

YD/T 901