

Underground Communication Conduit

This PE optical fiber cable conduit is designed for underground communication pipelines. Manufactured from high-performance polyethylene, it offers excellent tensile strength, compressive resistance, impact resistance, and chemical corrosion resistance.



Product Overview

High-Performance PE Conduit

This underground communication conduit is engineered from high-performance polyethylene, specifically designed for robust optical fiber and cable protection. It offers superior tensile strength, compressive resistance, and impact resistance to withstand harsh underground environments. The smooth inner wall minimizes friction during cable installation, while its chemical corrosion resistance ensures a long, reliable service life.

Technical Standards

Standard	YD/T841.2-2008 (Part 2: Solid Wall Pipe)
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Physical Properties

Standard Coil Lengths

- 100
- 150
- 200

Material	High-performance Polyethylene (PE)
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Available Colors	Red, Green, Yellow, White
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Product Specifications

Dimensions and Wall Thickness

Model	Specification (mm)	Wall Thickness (mm)
GPE11520	20	1.6
GPE11525	25	1.8
GPE11532	32	2.4
GPE11540	40	3

Applications

Primary Applications

Communication Optical Cable • Cable Sheathing • Underground Pipelines