

Sales Catalog of HNK Telecommunication Products

Splicing & Engineer Accessories

Cable Duct Rod

Cable duct rod is composed of fiber glass rod which is extruded by fiber glass rod and high strength resin at high temperature. This type of rod has high tensile strength and flexibility. It is covered by a high density polyethylene engineering plastic as it protect layer, which make duct rod cover sliding on the surface, durable, corrosion resistant and has good insulation performance. Which make them safe for use in cable pulling in the conduit. Duct rod will equipped with different size reel according to the length of rod. There are wheels on the reel, which could make it easy to move.



Features

- Light weight, durable, resistance to acid, aging resistant, corrosion resistant.
- High tensile strength and bending properties, which make it to go through narrow pipes easily.
- Good temperature adaptability, the product will not soften in hot weather/nor become brittle in cold weather. It is usability will not be affected by temperature.
- Outer protect layer are made of high density polyethylene engineering plastic, which has good anti-UV capability.
- It surface has the advantage of smooth, wear-resistant and long service life.
- There are meter mark on the protect layer of duct rod.
- The length is 100m to 400m.
- There are kinds of colors for the rod to choose.

Technical Parameter

1. Reinforce Fiber glass

Property	Data and Value	Property	data
Reinforcement	E-Glass Fiber	Min pulling strength	4000N ± 5%
Glass content of inner part	80-85%	Tensile modulus	>30000 MPa
Material of pulling rod	Epoxy fiber glass(inner) and high density polyethylene(outer)	Consistency of rod	150g ± 5%
Density	>150g/m	Flexural modulus	>30000 MPa
Diameter tolerance	±0.10mm	Elongation at Break	2.5-3%
Working temperature	-40 ~ +80℃		

2. Polyethylene cover

Material: Medium Density polyethylene resin for the insulating and jacketing of telecommunication cables.

Property	Data
Tensile strength	>150N
Environmental stress & crack resistance	>1000 hr
Heat stability	ok
Carbon Black	ok

Ordering Information

Using the available configurations amend/create product codes using the formula below.

Part Number: CDR-ABC

Ordering Guide

A	Rod Dia.	3.2mm, 4.8mm, 6.4mm, 8.0mm, 9.5mm, 11.2mm, 12.7mm.
B	Fiber Glass Length	100m to 400m.
C	Color	standard colour is green (other colors may be available upon request).