

# Duct Rodder



## Specification

- Fiberglass duct rodder is selected as a special tool for pulling electric cables and optical fiber cables in telecom, power industries, buildings and many other fields. The rod is made of fiberglass and high strength resin at high temperature, it is coated by high density polyethylene engineering plastic as its protected layer, which makes the duct rodder cover sliding on surface, durable, corrosion resistant and has good insulation performance, these make it safe for using in cable occupied duct. Along with pull head and handcart, it features easy to move and operate.
- The FRP push pull rod will be equipped with different size of reels in accordance with the length of the rod, there are wheels on the reel to make it convenient for moving, it is an ideal tool for laying cables.

## Feature

- Used to install pulling ropes and winch ropes into ducts, ready for cable pulling operations.
- Fiberglass rod is lightweight and flexible.
- Outer protect layer are made of high-density polyethylene and import material.
- Inner Core is E-Glass Fiber.
- Rod material is FRPI import solid core material.
- There are kinds of colors and size for the rod to choose.

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## Technical Date of Fiberglass Duct Rodder:

Specification	Rod Diameter (mm)	4.5mm,6mm,8mm,9mm,10mm,11mm,12mm,13mm, 14mm,16mm
	Rod Length (m)	10m,50m,100m,150m,200m,250m,300m,350m……
	Frame Spec. (mm)	1300x450x1330,1200x420x1220,980x350x1000,680x240x700,420x180x400
Material:	Fiber glass rod inner,	Extruded by fiber glass and high strength resin at high temperature
	Fiber glass rod outer	High Density polyethylene coating
	Metal Frame	Steel with high-temperature sprayed plastic or hot dip
Physical Property	Fiber glass content	75-80%
	Density	> 1.9gr/cm <sup>3</sup>
	Working environment	-40 to +80
	Minimum Pulling strength	4000N +/-5%
	Consistency of rod	137gr/m
	Flexural Modulus	> 46.500Mpa
	Elongation at break	2.5-3%
	Min Bending Radius	388mm