

## Cobra Snake Continuous Fibreglass Duct Rod

### Application

1. Used to install pulling ropes and winch ropes into ducts, ready for cable pulling operations.
2. Fiberglass rod is lightweight and flexible.
3. Dia of duct rod: 4.5mm; 6mm; 8mm; 9mm; 10mm; 11mm; 12mm; 13mm; 14mm; 15mm; 16mm
4. Length of pulling rod: 100m/ 150m/ 200m;

### Technical Data

Rod Diameter(mm)	4,4.5,5,6,8,10,11,12,13,14,15,16
Rod Length(m)	30~500
Frame Spec.(mm)	1300x450x1330,1200x420x1220,980x350x1000,680x240x700,etc
Wheel Diameter(mm)	300mm
Wall thickness of Metal Frame	2.2mm
Color	blue,yellow,red,white etc

### 1 - Glass Reinforced Composite core:

#### General properties

Property	Value
Iner core	E-Glass Fiber
Glass Content of Inner Part	75-80%
Material of Pulling Rod	Epoxy fiber glass (inner) High density Polyethylene(outer)
Density	> 1.9 gr/cm <sup>3</sup>
Diameter Tolerance	± 0.10mm
Work situation temperature	- 40 °C to +80°C

#### Mechanical properties

Property	Value
Minimum pulling strength	4000 N± 5%
Tensile Modulus	> 30000 Mpa
Consistency of rod	150gr/m ± 5%
Flexural Modulus	> 30000 Mpa
Elongation at Break	2.5-3%

2 - Polyethylene cover

Material:

Medium Density Polyethylene Resin for the insulating and jacketing of Telecommunication Cables.

Property	Value
Tensile Strength	> 15N/mm <sup>2</sup>
Environmental Stress & crack resistance	>1000 hr.
Heat Stability	OK.
Carbon Black	OK.



