CABLE PULLING

A complete range of continuous rods

Designed by Telenco's R&D teams, with engineer's support & feedback, SAFE, SAFE NG & MAINROAD TED[®] Cobras are manufactured to ensure durability & long-term daily use.

Our full continuous rod range can support an engineer dealing with most of manual underground cable pulling worksite, from the main distribution networks to the customer premise (CABLETWIST & CABLEBLITZ). Daily use means that the reparability of these products is a major challenge to ensure their durability.

In addition we developped a large range of accessories to grant more flexibility to help engineers.



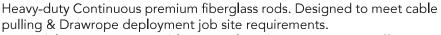
Detailed specifications of our rods at www.telenco-store.com

Continuous rod

Mainroad

Rod continuous Mainroad TED®

ROBUSTNESS - MODULARITY



Its modular conception enables several working positions to offer more flexibility. Assembled on a tubular frame equipped with all roads wheels, TED® Cobras are manufactured to ensure durability & long-term daily use. Equipped with two switchable guiding rings, placed on the lower & upper positions of the frame, it makes it possible to take advantage of the best angle to access the duct.

During the re-winding, the upper position use the rod's energy to assist the re-winding process & prevent engineer's back issue. The possibility to replace the rod with a secured and quick process makes the TED[®]'s rods an economic & durable solution.

Product benefits:

- + All road solid wheels
- + 4 work positions available
- + One man job rod replacement process

nt
9
g
g
g
g
g
9
9
9
9



TEC

Replacement rod without frame

Replacement rod for Mainroad TED®

TEC

Replacement rod for continuous rod. Already calibrated and secured, ready-to-be installed on $\mathsf{TED}^{\circledast}$ Mainroad cage. Direct installation on the Mainroad frame with cable ties.

The rod reel is released only after being secured into the cage. This replacement system is safer than the unwinding/winding of the reel. Installation can be carry out by a solo engineer.

Product benefits:

- + Engineer's safety first
- + Time saving solution
- + Economic

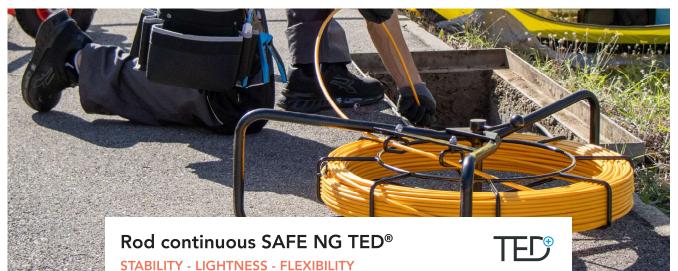
Technical specifications:

+ Premium fiberglass quality



PN	Diameter	Length	Weight
91029	9mm	150m	14kg
1001225	9mm	200m	18kg
1001226	11mm	150m	19.8kg
1001227	11mm	200m	26.4kg
1001228	11mm	250m	33kg
91030	11mm	300m	42kg
1001229	11mm	350m	46.2kg
1001571	14mm	100m	25kg
1001572	14mm	150m	35kg
1001573	14mm	200m	50kg

SAFE & SAFE NG Continuous rods



SAFE & SAFE NG design enables 2 work positions, either in a vertical or horizontal position to take advantage of the best angle to access the duct. Continuous SAFE NG rods are equipped with an external short range brake system. Equipped with a drawrope pulling guide. Highly resistant to abrasion and PVC coated fiberglass. Enhanced durability with a dedicated range guide tips and repair kit.

Safe

The horizontal position on the 3 foots frame is particularly suitable suitable for working on unstable or slippery ground (earth, gravel, pavement...).

Available in Ø4.5mm, Safe rods also feature an automatic automatic brake system.

Product benefits:

- + More stable and secure horizontal working position
- + Compact, lightweight frame
- + 3 feet with gripping feet



PN	Diameter	Length	Weight
0807	4.5mm	30m	3.8kg
0561	4.5mm	60m	4.4kg
1831	4.5mm	80m	4.8kg
1031	4.511111	86111	4.0Kg

Safe NG

This new generation of frame offers enhanced rod durability with interchangeable guiding rings. An improved brake system to improve technician safety.

Available in $\varnothing7mm,$ it's an excellent compromise between tensile strength and elasticity.

Product benefits:

- + Interchangeable guiding rings
- + Technician safety enhanced by ¼-turn external brake (increased reactivity)
- + Reinforced frame for enhanced stability



PN	Diameter	Length	Weight
1001199	7mm	60m	10.4kg
1001200	7mm	80m	11.6kg
1001201	7mm	100m	12.5kg
1001202	7mm	130m	13kg

Replacement rod without frame

•			
PN	Diameter	Length	Weight
1001331	7mm	60m	3kg
1001332	7mm	80m	4.5kg
1001333	7mm	100m	5.45kg
1001334	7mm	130m	6.5kg

Replacement rod without frame

PN	Diameter	Length	Weight
0809	4.5mm	30m	0.7kg
0810	4.5mm	60m	1.35kg
0921	4.5mm	80m	1.84kg

SAFE & SAFE NG & Mainroad accessories

Accessories for TED® Mainroad

PN	Designation	Assembly	Ø Rod	Weight
09294	Rotary ball			0.07kg
11701	Ø45mm nylon brush			0.27kg
7286	Ø60mm nylon brush			0.14kg
7287	Ø80mm nylon brush	screw-on	9mm and	0.16kg
91486	Mainroad guiding ring for rod		11mm	0.10kg
2393	Screwable pulling head Ø25mm			0.05kg
10955	Adaptor F-F (M10/M8)			0.05kg
09293	Puncture resistant wheel			1.00kg
2406	Rotating ball + tip kit	screw-on	9mm	0.10kg
0828	Guide tip to pin	(supplied with end cap to pin on rod)		0.07 kg
91493	Pin-on repair kit	pin-on	711111	0.09kg
1753	Self-tightening repair kit	to tighten		0.08kg
2405	Rotating ball + tip kit	screw-on		0.10kg
0837	Guide tip to pin	(supplied with end cap to pin on rod)	- 11mm	0.07kg
91494	Pin-on repair kit	pin-on		0.09kg
1754	Self-tightening repair kit	to tighten		0.08kg





Nylon brush



Mainroad guiding ring for rod

Screwable pulling head

Rotating ball + tip kit



Puncture resistant wheel

Guide tip to pin

TED



Pin-on repair kit

Self-tightening repair kit

Accessoires for TED® Safe mainroad

PN	Designation	Assembly	Ø Rod	Weight	
13106	Guiding tip set of 3: Ø 7-10-13mm to screw	to screw with M5 bit		0.05kg	
11993	Flexible guiding tip Ø7mm to screw in M5	screw-on		0.01kg	
1002007	End connector M5 to pin	pin-on		0.01kg	
1002008	Pulling eyelet guide tip M5 - Ø8mm screw-			0.01kg	
1436	Pulling eyelet end tip Ø10mm	pin-on	4.5mm	0.01kg	
12568	End connector M5 to glue - Pack of 10pcs	-4:-1		0.01kg	
1848	Glue-on repair sleeve - Pack of 10	stick on		0.04kg	
11499	Special glue for repair			0.05kg	
13032	Complete accessory kit*	-		0.10kg	
1973	Safe dispenser Ø4.5mm	14.5mm			
1002009	Pulling eyelet guide tip M8 - Ø12mm	screw-on		0.01kg	
1002006	End connector M8 to pin	VI8 to pin		0.01kg	
2145	Pulling eyelet end tip			0.01kg	
91495	Pin repair kit*	pin-on		0.01kg	
13033	Pinning accessories kit*			0.10kg	
12159	Glue-on repair kit* + M12 male end	stick on		0.12kg	
1001599	Safe TED® dispenser for fiberglass rod Ø7mm		7mm	7.05kg	
1001207	Guiding ring with srcews			0.01kg	
1001208	F-F adapter (M10/M8) for 33kHz Ø18mm M10 probe			0.01kg	
1001209	M-F adapter (M12/M8) for 33kHz Ø18mm M12 probe	-		0.01kg	
1001210	M-F adapter (M5/M8) forM5F accessory mount			0.01kg	



Probe adapter

Safe dispenser

www.telenco.com | 26

Cable grip

Single loop cable pulling grip M5



Galvanized steel cable grip designed for manual pulling. Fitted with M5 end cap. Fits our Cablegrip (PN: 15536) and Cabletwist (PN: 16608) rods.

Single loop cable grip standard



Standard model in galvanized steel for overhead or underground cable grip.

Junior single loop cable blitz



Galvanized steel cable grip. Suitable for manual overhead and underground pulling.

Single loop cable grip special for optical fiber cables



Short, small-diameter model suitable for pulling optical distribution cables.



Kevlar[®] cable grip offering great flexibility and strength. Specially designed to reduce friction forces with cables already installed.

Image: Inclusion of the section of the secting the section of the section of the		PN	Material	Single loop	Double loop	M5 tip	Breaking	Ø Cable	Length	Weight
I2279 Galvanized steel I2 <td></td> <td>12276</td> <td>Galvanized steel</td> <td></td> <td></td> <td>×</td> <td>2kN</td> <td>4-6mm</td> <td>100mm</td> <td>0.01kg</td>		12276	Galvanized steel			×	2kN	4-6mm	100mm	0.01kg
I2279 Galvanized steel I2 <td>tip</td> <td>12277</td> <td>Galvanized steel</td> <td></td> <td></td> <td>×</td> <td>2kN</td> <td>6-9 mm</td> <td>120mm</td> <td>0.02kg</td>	tip	12277	Galvanized steel			×	2kN	6-9 mm	120mm	0.02kg
Add4Galvanized steelJunior2kN6-10mm120mm0.01kg4732Galvanized steelJunior2kN10-12mm180mm0.02kg1602Galvanized steelJunior2kN12-15mm230mm0.03kg12566Galvanized steelJunior8.1kN15-19mm280mm0.04kg12160Galvanized steelImage: Signal S	M5	12278	Galvanized steel			*	2kN	9-12mm	180mm	0.03kg
Population2kN10-12mm180mm0.02kg1602Galvanized steelJunior2kN12-15mm230mm0.03kg12566Galvanized steelJunior8.1kN15-19mm280mm0.04kg13103Galvanized steel•5.6kN6-12mm490mm0.10kg13104Galvanized steel•8.4kN12-19mm490mm0.10kg13105Galvanized steel•11.2kN19-25mm490mm0.20kg13105Galvanized steel•18.8kN10-20mm900mm0.25kg0859Galvanized steel•18.8kN10-20mm900mm0.25kg0860Galvanized steel•37kN30-40mm900mm0.40kg0862Galvanized steel•55kN40-50mm900mm0.57kg0863Galvanized steel•55kN50-65mm900mm0.57kg0864Galvanized steel•73.2kN80-95mm900mm0.57kg0865Galvanized steel•73.2kN80-95mm900mm0.57kg1053Galvanized steel•73.2kN80-95mm900mm1.28kg1054Galvanized steel•73.2kN80-95mm900mm1.28kg1054Galvanized steel•106kN110-130mm600mm1.38kg1054Galvanized steel•10.2kN10.2kN900mm0.05kg1269Kevlar•10.6kN10-20mm90		12279	Galvanized steel			×	2kN	12-15mm	230mm	0.04kg
Instant <t< td=""><td></td><td>4046</td><td>Galvanized steel</td><td>Junior</td><td></td><td></td><td>2kN</td><td>6-10mm</td><td>120mm</td><td>0.01kg</td></t<>		4046	Galvanized steel	Junior			2kN	6-10mm	120mm	0.01kg
Instant <t< td=""><td>ior</td><td>4732</td><td>Galvanized steel</td><td>Junior</td><td></td><td></td><td>2kN</td><td>10-12mm</td><td>180mm</td><td>0.02kg</td></t<>	ior	4732	Galvanized steel	Junior			2kN	10-12mm	180mm	0.02kg
Image: Note of the state of the st	Jur	1602	Galvanized steel	Junior			2kN	12-15mm	230mm	0.03kg
Population Non-transition Non-transiterabiliterabi Non-tran-transition		12566	Galvanized steel	Junior			8.1kN	15-19mm	280mm	0.04kg
13105 Galvanized steel Instance 11.2kN 19-25mm 490mm 0.20kg 0859 Galvanized steel Image: Steel Image: Steel 18.8kN 10-20mm 900mm 0.25kg 0860 Galvanized steel Image: Steel Image: Steel 22.6kN 20-30mm 900mm 0.35kg 0861 Galvanized steel Image: Steel Image: Steel Image: Steel Image: Steel 0.40kg 0862 Galvanized steel Image: Steel Image: Steel Image: Steel Image: Steel 0.40kg 0863 Galvanized steel Image: Steel <td< td=""><td></td><td>13103</td><td>Galvanized steel</td><td>*</td><td></td><td></td><td>5.6kN</td><td>6-12mm</td><td>490mm</td><td>0.10kg</td></td<>		13103	Galvanized steel	*			5.6kN	6-12mm	490mm	0.10kg
13105 Galvanized steel Instance 11.2kN 19-25mm 490mm 0.20kg 0859 Galvanized steel Image: Steel Image: Steel 18.8kN 10-20mm 900mm 0.25kg 0860 Galvanized steel Image: Steel Image: Steel 22.6kN 20-30mm 900mm 0.35kg 0861 Galvanized steel Image: Steel Image: Steel Image: Steel Image: Steel 0.40kg 0862 Galvanized steel Image: Steel Image: Steel Image: Steel Image: Steel 0.40kg 0863 Galvanized steel Image: Steel <td< td=""><td>FO</td><td>13104</td><td>Galvanized steel</td><td>*</td><td></td><td></td><td>8.4kN</td><td>12-19mm</td><td>490mm</td><td>0.15kg</td></td<>	FO	13104	Galvanized steel	*			8.4kN	12-19mm	490mm	0.15kg
O860 Galvanized steel ✓ 22.6kN 20-30mm 900mm 0.35kg 0861 Galvanized steel ✓ 37kN 30-40mm 900mm 0.40kg 0862 Galvanized steel ✓ 55kN 40-50mm 900mm 0.57kg 0863 Galvanized steel ✓ 55kN 50-65mm 900mm 0.63kg 0864 Galvanized steel ✓ 73.2kN 65-80mm 900mm 0.75kg 0865 Galvanized steel ✓ 73.2kN 80-95mm 900mm 0.90kg 1053 Galvanized steel ✓ 106kN 110-130mm 600mm 1.39kg 1054 Galvanized steel ✓ 106kN 110-20mm 900mm 0.90kg 12269 Kevlar ✓ 16.8kN 20-30mm 900mm 0.90kg	S	13105	Galvanized steel	•			11.2kN	19-25mm	490mm	0.20kg
OB661 Galvanized steel Image: Constraint of the constraint of t		0859	Galvanized steel	*			18.8kN	10-20mm	900mm	0.25kg
OB Galvanized steel Sig A0-50mm 900mm 0.57kg 0862 Galvanized steel Image: Signal Si		0860	Galvanized steel	*			22.6kN	20-30mm	900mm	0.35kg
OB Galvanized steel Solution		0861	Galvanized steel	×			37kN	30-40mm	900mm	0.40kg
0864 Galvanized steel Image: Constraint of the steel Image: Consteel Image: Constra	ē	0862	Galvanized steel	×			55kN	40-50mm	900mm	0.57kg
0864 Galvanized steel Image: Constraint of the steel Image: Consteel Image: Constra	anda	0863	Galvanized steel	*			55kN	50-65mm	900mm	0.63kg
1053 Galvanized steel Image: Constraint of the steel S5KN 95-100mm 900mm 1.28kg 1054 Galvanized steel Image: Constraint of the steel Image: Constee Image: Constraint of the steel	St	0864	Galvanized steel	×			73.2kN	65-80mm	900mm	0.75kg
Instruction		0865	Galvanized steel	•			73.2kN	80-95mm	900mm	0.90kg
Interview <t< td=""><td></td><td>1053</td><td>Galvanized steel</td><td>•</td><td></td><td></td><td>85kN</td><td>95-100mm</td><td>900mm</td><td>1.28kg</td></t<>		1053	Galvanized steel	•			85kN	95-100mm	900mm	1.28kg
12269 Kevlar ✓ 16.8kN 20-30mm 0.90kg		1054	Galvanized steel	×			106kN	110-130mm	600mm	1.39kg
	<u> </u>	1601	Kevlar		*		11.2kN	10-20mm	900mm	0.05kg
	Kevlar	12269	Kevlar		*		16.8kN	20-30mm	900mm	0.90kg
		2718	Kevlar		*		22.4kN	30-40mm	900 mm	0.11kg