TOOL TRENDS



CABLE PULL SYSTEMS FOR PROFESSIONALS From fibre optic cables to underground cabling

Reliability and durability – properties of the Kati[®] Blitz that have been valued highly for many years by electrical engineers! It makes it quick and easy to pull through cables.

An overview of all cable pull systems together with accessories can be found on the following pages.



THE RIGHT CABLE PULL SYSTEM FOR EVERY APPLICATION

Whether indoors or outdoors, fibre glass building installation or underground cabling: With the **Ratifiex** cable pull systems, CIMCO offers a comprehensive range for all applications.

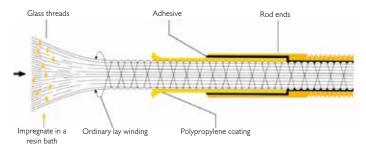
		INDOORS			OUTDOORS			
	<u></u>				9			
	Kati* Blitz Mini	Kati* Blitz	Kati* Blitz 2.0 Kati* Blitz Detection 2.0	Kati* Twist Kati* Twist 2.0	Kabelmax*	Cablejet®	Pipe	Eel®
Diameter of glass fibre rod	1.2 mm		3.0 mm	4.5 - 6 mm*	4.5 mm	7.2 mm	9.0 mm	11.0 mm
Minimum bending radius	15 mm	50 mm, with rod end 2.0 from 30 mm		100 mm	77 mm	190 mm	240 mm	390 mm
Tensile strength of the rod	1.3 kN	5.0 kN		3.0 – 5.5 kN	10.0 kN	28.0 kN	40.0 kN	65.0 kN
Tested tensile strength of the rod - sleeve connection	0.35 kN	1.0 kN		2.0 kN	1.5 kN	7.5 kN	10.0 kN	15.0 kN
Fastening sleeve - rod		glued		compressed	glued	glued and pinned		
Common empty conduit diameter up to nominal diameter	20 mm		30 mm	40 mm (Kati® Twist 2.0 up to 32 mm)	60 mm	80 mm	100 mm	250 mm
Maximum winding lengths up to	35 m	50 m		40 m	80 m	120 m	150 m	500 m
Thread of the rod ends and connecting sleeves	M 2.5	M 5			M 12			
Typical fields of application	Fibre glass, FOC	used empty conduits, long distances, detection optional		short and winding distances	Underfloor areas	Signal system construction (traffic lights), street light- ing, underground and telecommunica- tions cabling	Undergrour construction munication cabling	n, telecom-

^{* 3-}fold twisted polyester tape

THE HEART OF ALL CABLE PULLING SYSTEMS: THE POLYKAT® GLASS FIBRE ROD

Stable over long distances and yet flexible in tight radii – those are the requirements that are placed on a high quality cable pull system. And that is precisely what the Polykat® glass fibre rod provides.

The fibres bundled tightly in a cross-wrapped strand are impregnated in a resign bath and encased by a highly stable propylene sheathing. This is particularly hard-wearing and friction-reducing. As a result the glass fibre rod combines robust thrust stability with extreme bending resilience and thus provides excellent sliding properties and a frictional resistance reduced to minimum.









For the installation of fibre optic cables in buildings

Fast Internet and higher data transfer rates for the home: the Mini version of the tried and trusted Kati® Blitz was developed especially for the increasing demand for subsequent FOC installations.

KATI® BLITZ MINI

New Flexi-Sonde in combination with a Polykat® glass fibre rod diameter of only 1.2 mm. Retrospective installation of fibre optic cables also in existing and occupied cabling systems. Minimal bending radius of just 15 mm! The rod runs out of the cassette automatically and thereby supports the insertion – for a minimised physical effort!

Accessories supplied:

5 Flexi-Sonden (flexible guide heads), 7 rod ends, 1 guide tube 2.5 mm with sleeve, insulating tape, sanding pad 50 x 50 mm, special adhesive

Product highlights:

- With a rod diameter of just 1.2 mm, it is ideal for the retrospective installation in occupied pipes
- Passing through tight spaces and bends, thanks to the Mini Flexi-Sonde
- Minimal bending radius of just 15 mm
- Protection when inserting and drawing back due to low-friction guide tube

CIMCO-item no. 14 2060 Rod length 15 m Rod length 25 m CIMCO-item no. 14 2062 CIMCO-item no. 14 2064 Rod length 35 m



Product video Kati® Blitz Mini









KATI® BLITZ MINI ACCESSORIES

Replacement rod	Guide tube 2.5 m	Mini rod end, 5 items	Mini Flexi-Sonde, 5 items	Service set, 13-piece
				Fitt Sec
Polykat® Mini glass fibre rod ø 1.2 mm, with 2 Mini rod ends and a Mini Flexi-Sonde, spooled in a rotating cassette.	The low-friction guide tube protects the rod and supports the pulling process. A securing sleeve is already fitted on the tube.	Mini rod end made of brass, with M 2.5 outside thread.	Mini Flexi-Sonde with M 2.5 internal thread.	The Kati® Blitz Mini service set consists of 10 Mini rod ends, 1 Special adhesive 3 g, 1 Sanding pad 50 x 50 mm, 1 Insulating tape 15 mm.
CIMCO-item no. 14 2066 Rod length 15 m	CIMCO-item no. 14 2076	CIMCO-item no. 14 2078	CIMCO-item no. 14 2074	CIMCO-item no. 14 2072
14 2068 Rod length 25 m				
14 2070 Rod length 35 m				



Katimex Kati® BLITZ

The professional tool for home and building installation

High quality Polykat® fibre glass pull in rod with a diameter of 3 mm. Thrust-stable and flexible at the same time, it even passes through occupied empty conduits, tight bending radii or difficult curve sections without any problems. Also ideal for long distances. Minimal bending radius 30 mm, breaking force 5 kN. Available as Compact model or with additional detection function.

KATI® BLITZ COMPACT

The Kati® Blitz Compact with practical holding grip has an internal, rotating storage drum without any moving external parts.

Including special gripping aid Kati® Grip and integrated set of accessories:

2 spring guide heads ø 7, 10 mm, 5 cable lugs, 1 cable draw grip with swivel for ø 6-9 mm,

3 rod ends and 2 rod ends 2.0, 3 connecting sleeves, special glass fibre adhesive.

CIMCO-item no. 14 2020 20 m CIMCO-item no. 14 2024 30 m CIMCO-item no. 14 2028 50 m



KATI® BLITZ COMPACT 2.0

The ergonomic casing of the Kati® Blitz Compact 2.0 has a convenient crank function for winding up the rod. The rod outlet is glass fibre reinforced and particularly wear-resistant. A rewind stop prevents the rod from pulling back unintentionally.

Including a set of accessories integrated in the casing:

2 Flexi-Sonden $2.0 \, \text{ø} \, 7$, $10 \, \text{mm}$, $5 \, \text{cable}$ lugs, $1 \, \text{cable}$ draw grip with swivel for $0 \, \text{e} \, 6$ - $0 \, \text{mm}$, $0 \, \text{e} \, 1$ rod ends $0.0 \, \text{e} \, 1$ connecting sleeves, special glass fibre adhesive

CIMCO-item no. 14 1620 20 m CIMCO-item no. 14 1630 30 m

CIMCO-item no. 14 1650 50 m (without crank function)



EXPERT TIP

DETECTION:

Pull cable in – follow the course of the route – detect blockage!

The Polykat® glass fibre rods for detection systems have integrated copper wires, which through the connection of a transmitter, radiate a detectable signal over the entire rod length. Depending on the transmitting and receiving devices as well as the local and structural conditions, this signal can be determined down to a depth of several metres. Detection systems are the ideal 2-in-1 solution for cable winding and in order to determine pipe routes or to localise defects.

All systems can be used with commercially available cable detectors.





Product video Kati[®] Blitz Detection 2.0

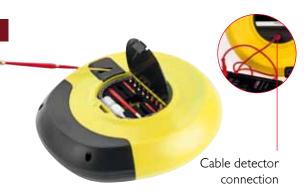
KATI® BLITZ DETECTION 2.0

The Kati® Blitz Detection 2.0 enables the cable winding by means of the convenient crank function, and in addition the detection of blockages with just one device. The technical design of the casing is the same as that of the Kati Blitz® Compact 2.0. The glass fibre rod has integrated copper wires.

Including a set of accessories integrated in the casing:

2 Flexi-Sonden 2.0 \emptyset 7, 10 mm, 5 cable lugs, 1 cable draw grip with swivel for \emptyset 6-9 mm, 2 rod ends 2.0, 3 connecting sleeves, special glass fibre adhesive

CIMCO-item no. 14 4630 30 m





KATI® BLITZ ACCESSORIES

Replacement rod for Kati® Blitz

Replacement rod for . Kati® Blitz Detection Special gripping aid Kati®Grip

Holding grip EASY GRIP

Battery-powered drill drive for Kati® Blitz



Polykat® glass fibre rod \emptyset 3.0 mm, with 2×2.0 rod ends (M 5 outside thread), 1 spring guide head ø 7 mm, 1 brass draw head (M: 5) with lug ø 6 mm

Polykat® glass fibre rod ø 3.0 mm, glass fibre core with integrated copper wires. With 2x 2.0 rod ends (M 5 outside thread), spring guide head ø 7 mm, brass draw head (M 5)

Flexible winding aid for fast: winding of fibreglass rods and cables up to 6 mm in diameter



Practical manual feeding unit for labour-saving insertion of the glass fibre rod. For rod diameter 3 mm.



Drive unit with guide spring or -tube for the motor-driven insertion of glass fibre rods by means of a commercially available battery-powered drill.

CIMCO-item no. **14 2120** 20 m

14 2122 30 m **14 2124** 50 m

CIMCO-item no. **14 2035** 30 m

CIMCO-item no. 14 2190

CIMCO-item no. 14 2180

CIMCO-item no. 14 2350

Flexi-Sonde 2.0

Spring guide head

Rod end 2.0

Cable lug for rod end

Connecting sleeve



Plastic Flexi-Sonde 2.0 with M 5 internal thread and 7 mm Flexi-Sonde



Brass spring guide head with return spring and M 5 internal thread.



Rod end 2.0 for glass fibre rod ø 3.0 mm. Brass sleeve with plastic sheath, M 5 outside thread.



Brass draw head with lug, 6 mm diameter, internal thread M 5.



Brass connecting sleeve for glass fibre rod ø 3.0 mm

CIMCO-item no.

14 1072 head ø 7 mm **14 1073** head ø 10 mm **14 1074** head ø 13 mm

13 mm)

CIMCO-item no.

13 mm)

14 2130 head ø 7 mm **14 2132** head ø 10 mm **14 2134** head ø 13 mm

14 1078 Set (Ø 7, 10 and : **14 2140** Set (Ø 7, 10 and

CIMCO-item no. 14 1070

CIMCO-item no. 14 2144

CIMCO-item no. 14 2146

Cable draw grip

Service set for Kati® Blitz Compact, 14-piece



12-piece

The integrated swivel prevents the cable unscrewing from the pull in rod when winding in. With internal thread M 5.

No. of Parties of Street, or other parties of the P

CIMCO-item no. 14 8066 4 - 6 mm ø **14 2152** 6 - 9 mm ø **14 8061** 9 - 12 mm ø Service set, with 5 rod ends with outside thread M 5, 5 cable lugs, 3 connecting sleeves, special glass fibre adhesive, repair instructions.

CIMCO-item no. 14 2150



Service set 2.0 for Kati® Blitz 2.0,

Service set, with 3 rod ends 2.0 with outside thread M 5, 5 cable lugs, 3 connecting sleeves, special glass fibre adhesive, repair instructions

CIMCO-item no. 14 1080



Cable lubricant GLIT®

Recommended especially when pulling into already occupied pipes, underfloor ducts or over long distances. Silicone-free, skin-compatible, non-flammable.

CIMCO-item no. **14 2194** 200 ml **14 2195** 1.000 ml **14 2196** 5.000 ml **14 2197** 10,000 ml





POLYKAT®: THIS IS HOW TO CARRY OUT A REPAIR

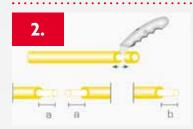
Despite the high quality a high-grade glass fibre rod can also break. As a consequence it does not have to be replaced straight away, but can be repaired quite easily.

TIPS FOR PROFESSIONAL APPLICATION

- ✓ Use cable lubricant for reduced friction
- ✓ Use a cable pulling aid
- Grip rod with little clearance to the empty conduit
- ✓ Avoid sharp edges in the pull section
- ✓ Observe minimum bending radius of the rod
- Pull rod out straight (do not wind)



1. Cut off the rod approx. 10 cm before the break.



2. Remove plastic sheath. Glass fibre core and thread end must close flush. The end of the sleeve to be attached must overlap the plastic sheath. Do not cut into the glass fibre core!

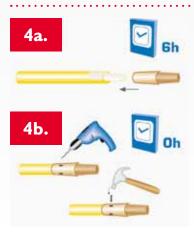
For removing the plastic sheath the insulation stripping cable shears (CIMCO-item no. 12 0242) is best suited. It is possible to set the required diameter with the adjusting screw.



Adjusting screw for setting the required diameter



3. Apply special glass fibre adhesive thinly and evenly. The sleeve is to be glued over the entire length.



4. Push sleeve over the glass fibre core and the sheath up to the stop while turning slightly. The adhesive bond must cure for at least 6 hours. For glass fibre rods with a diameter of more than 6 mm, drill through the opening in the rod end and insert the dowel pin.





For short, winding sections in the building installation

The 3-fold twisted Kati® Twist pull in tapes consist of extremely wear-resistant plastic and feature excellent bending and sliding properties due to the special outer contour. Rod diameter 4.5 to 6.0 mm, minimum bending radius 100 mm.

KATI® TWIST

High quality galvanised steel winder, that is up to every challenge of the rough daily routine on the building site and enables fast spooling in and out. The finely controlled, integrated brake prevents the rod from reeling out of the cage under its own tension. For empty conduit diameters up to 40 mm.

Accessories supplied:

Spring guide head \varnothing 10 mm, brass draw head with lug \varnothing 6 mm with thread M5, 2 brass rod ends with M 5 thread

CIMCO-item no. 14 2541	ø 4.5 mm	Length 25 m
CIMCO-item no. 14 2550	ø 5.2 mm	Length 20 m
CIMCO-item no. 14 2551	ø 5.2 mm	Length 40 m
CIMCO-item no. 14 2560	ø 6.0 mm	Length 40 m



KATI® TWIST 2.0

Ergonomic casing with crank function for winding up quick and easy. Pulling aid integrated flush and captive in the casing handle. For empty conduit diameters up to 32 mm. Accessories supplied:

Pulling aid for Kati $^{\circ}$ Twist 2.0, spring guide head \varnothing 7 mm, brass draw head with lug, \varnothing 6 mm with thread M 5

CIMCO-item no. 14 2570 20 m CIMCO-item no. 14 2571 30 m



Product video Kati® Twist 2.0

KATI® TWIST ACCESSORIES

Kati® Twist pull in rod	Kati® Twist 2.0 pull in rod	Guide head Kati® Twist 2.0	Service set Kati® Twist/ Kati® Twist 2.0
			SET SET
Twisted pull in rod with rod ends pressed on at both ends. Including spring guide head Ø 10 mm and cable lug. Compatible with Kati® Blitz Compact accessories due to M 5 thread.	Twisted pull in rod with rod ends pressed on at both ends. Including guide head Ø 7 mm and cable lug. Compatible with Kati® Blitz Compact accessories due to M 5 thread.	Brass spring guide head, with 7 mm cable lug, return spring and M 5 internal thread	Service set, consisting of 3 rod ends per diameter. (Kati® Twist 2.0 only ø 4.5 mm)
CIMCO-item no. 14 2540 Ø 4.5 mm/15 m 14 2545 Ø 4.5 mm/25 m 14 2555 Ø 5.2 mm/20 m 14 2556 Ø 5.2 mm/40 m 14 2565 Ø 6.0 mm/40 m	CIMCO-item no. 14 2575 Ø 4.5 mm/20 m 14 2576 Ø 4.5 mm/30 m	CIMCO-item no. 14 2578	CIMCO-item no. 14 1249 Ø 4.5 mm 14 1251 Ø 5.2 mm 14 1252 Ø 6.0 mm

In addition, all the Kati® Blitz and Kabelmax® accessories are compatible with Kati® Twist.



Katimex* KABELMAX®

The professional underfloor cable pull system

The Kabelmax® is the specialist for the simple, secure and fast installation in the underfloor area of commercial and industrial buildings. The installation is also child's play in underfloor systems already densely occupied with cables. Space is also saved when up to 80 m of the fibre glass Polykat® rod (Ø 4.5 mm) is accommodated in the aluminium storage cage of the stable tubular steel frame.

KABELMAX®

The Kabelmax® has a stable tubular steel frame and an aluminium storage cage for holding the glass fibre rod. The easily regulated brake prevents the Polykat® glass fibre rod from running out of the cage by itself due to the inherent tension. The service bag is fastened to the device and as a result the accessories are always ready to hand.

Accessories supplied:

1 brass guide head with lug 11 mm, with M 5 thread, 2 brass draw heads with lug \emptyset 6 mm, with M 5 thread, 1 service bag incl. service set consisting of: 3 brass rod ends, with M 5 thread, 2 connecting sleeves, special glass fibre adhesive

Tubular steel frame with ball bearing-mounted aluminium reel, 60 m CIMCO-item no. 14 1802

Tubular steel frame with ball bearing-mounted aluminium reel, 80 m CIMCO-item no. 14 1806



KABELMAX® ECONOMY

The Kabelmax® Economy is a lightweight with just over 1.4 kg, and thanks to its compact dimensions (Ø 30 cm, width 5 cm) can even be fastened on a belt. The hands remain free for working. The integrated brake prevents the Polykat® glass fibre rod from running out of the cage by itself due to its inherent tension. Rod length 40 m. Accessories supplied:

2 M 5 rod ends, 1 pulling eye ø 11 mm, thread M 5, cable lug ø 6 mm

CIMCO-item no. 14 1796



KABELMAX® ACCESSORIES

Kabelmax® pull in rod	Rod end	Pulling eye	Connecting sleeve	Kabelmax®service set
Polykat® glass fibre rod ø 4.5 mm, with 2 rod ends (M 5 outside thread), 1 guide head ø 11 mm	Brass rod end for glass fibre rod ø 4.5 mm, M 5 outside thread	Brass guide head ø 11 mm, M 5 internal thread, with cable lug ø 6 mm	Brass connecting sleeve for glass fibre rod ø 4.5 mm	Service set, incl. 5 rod ends with M 5 outside thread, guide head with lug Ø 11 mm, 3 connecting sleeves, special glass fibre adhesive, repair instructions
CIMCO-item no. 14 1808 40 m 14 1812 60 m 14 1816 80 m	CIMCO-item no. 14 1842	CIMCO-item no. 14 1844	CIMCO-item no. 14 1846	CIMCO-item no. 14 2163

In addition all of the Kati® Blitz accessories are compatible.





The powerful solution for street lighting and signal system construction

The Cablejet® is distinguished by high breaking strength and enormous tensile strength of the rod - sleeve connection. In the areas of signal system construction or street lighting, thanks to its strength and flexibility it can, for example, pull the cable directly into the traffic light post.

CABLEJET®

Corrosion-protected steel construction, suitable for use on building sites, with tilt-proof foot-print. Including variable rod guidance and integrated brake, which prevents the glass fibre rod from running out of the cage. The service bag is fastened directly to the device, enabling access to the accessories at all times.

Accessories supplied:

Aluminium guide head with lug \varnothing 25 mm, with M 12 thread, shackle with bolt, \varnothing 10 mm. service bag incl. service set, consisting of:

2 brass rod ends with M 12 thread, brass connecting sleeve, 4 clamping sleeves, special glass fibre adhesive 20 g

Rod thickness ø 7.2 mm

CIMCO-item no. 14 2221	60 m
CIMCO-item no. 14 2222	80 m
CIMCO-item no. 14 2223	100 m
CIMCO-item no. 14 2224	120 m





For long distances in underground line construction

Best suited for use on construction sites, the Pipe Eel® is the robust cable pull system for laying power and telecommunication cables. Thanks to the high thrust stability, the pipe eel demonstrates its strengths in particular over long and winding sections, but it also masters narrow sections or densely occupied pipes without any problems.

PIPE EEL®

The Pipe Eel® has a completely galvanised and screwed tubular steel frame. The upper and lower rod guides ensure for exact run-off of the Polykat® glass fibre rod. An easily regulated brake prevents the rod from running out of the cage by itself due to the inherent tension. The service bag is fastened directly to the device, enabling access to the accessories at all times. Accessories supplied:

1 aluminium guide head with lug \varnothing 25 mm, with M 12 thread, 1 shackle with bolt \varnothing 10 mm, 1 service bag incl. service set consisting of: 2 brass rod ends with M 12 thread, 1 brass connecting sleeve, 4 clamping sleeves, special glass fibre adhesive

Rod thickness ø 9 mm, Reel-ø 750 mm

CIMCO-item no. 14 2241	60 m
CIMCO-item no. 14 2242	80 m
CIMCO-item no. 14 2243	100 m
CIMCO-item no. 14 2244	120 m
CIMCO-item no. 14 2245	150 m

Rod thickness ø 11 mm, Reel-ø 1000 mm

CIMCO-item no.	14 2250	150 m
CIMCO-item no.	14 2251	200 m
CIMCO-item no.	14 2252	250 m
CIMCO-item no.	14 2253	300 m

Rod lengths up to 500 m and rods with positioning function on request.





CABLEJET® / PIPE EEL® ACCESSORIES

Cablejet® replacement

Pipe Eel® replacement

Pipe Eel® replacement

Rod ends

Connecting sleeves



Polykat® glass fibre rod ø 7.2 mm, with 2 rod ends (M 12 outside thread), 1 guide head with lug ø 25

Rod thickness @ 7.2 mm CIMCO-item no. **14 2226** 60 m **14 2227** 80 m **14 2228** 100 m

14 2229 120 m

Aluminium guide head

CIMCO-item no.

14 2280

with cable lug, ø 25 mm,

with M 12 internal thread

Polykat® glass fibre rod ø 9 mm, with 2 rod ends (M 5 outside thread), 1 mm and shackle

guide head ø 25 mm and shackle

Rod thickness ø 9 mm CIMCO-item no. **14 2271** 60 m **14 2272** 80 m

14 2273 100 m **14 2274** 120 m **14 2279** 150 m

Polykat® glass fibre rod ø 11 mm, with 2 rod ends (M 5 outside thread), 1 guide head ø 25 mm and shackle

Rod thickness ø 9 mm CIMCO-item no. **14 2275** 150 m **14 2276** 200 m **14 2277** 250 m **14 2278** 300 m



Brass rod end for Cablejet (ø 7.2 mm) or Pipe Eel (ø 9, 11 mm), with outside thread M 12

CIMCO-item no. **14 2230** 7.2 mm ø **14 2285** 9 mm ø **14 2286** 11 mm ø



Brass connecting sleeve for Cablejet (ø 7.2 mm) or Pipe Eel (ø 9, 11 mm)

CIMCO-item no. **14 2231** 7.2 mm ø **14 2290** 9 mm ø **14 2291** 11 mm ø

Guide head

Guide head



Aluminium guide head with cable lug, ø 18 mm, with M 12 internal thread

CIMCO-item no. 14 3208

Pulling eye



Aluminium guide head ø 40 mm, for pipes from ø 100 mm, with M 12 internal thread

CIMCO-item no. 14 2281

Connecting pin



Galvanised steel connecting pin ø 30 mm, two M 12 connection threads for coupling two glass fibre rods

CIMCO-item no. 14 2293

Shackle



Galvanised shackle with slotted bolt, form B acc. DIN 82101, with countersunk screw, ø 10 or 12

CIMCO-item no. **14 2292** 10 mm ø **14 1494** 12 mm ø

Length measuring device for Pipe Eel



Length measuring device for the Pipe Eel® - for the fast determination of the length on underground pipe routes. Pipe blockages, fractures and other defects can be determined with pinpoint accuracy. No more tiresome marking, pacing off or double checking. Smallest measurement unit: Decimetre

CIMCO-item no. 14 2310

Twist compensation pin



Stainless steel, ø 16 mm, max. tensile load 3.3 kN.

CIMCO-item no. 14 7183

Twist compensation pin



Stainless steel, ø 22 mm, max. tensile load 10.0 kN.

CIMCO-item no. 14 7174

Stainless steel, ø 25 mm, max. tensile load 15.6 kN.

CIMCO-item no. 14 7175



CABLEJET® / PIPE EEL® ACCESSORIES

Cable draw grips with one swaged loop

Cable draw grips with two swaged loops

Service sets for Cablejet® and Pipe Eel® Special glass fibre adhesive

Cable lubricant GLIT®



Steel cable draw grip with one swaged loop, for underground cabling.



Steel cable draw grip with two swaged loops, for underground cabling. Length 900 mm.



Service set with 2 rod ends, M 12 outside thread, 1 connecting sleeve, 2 clamping sleeves, special adhesive 20 g, repair instructions



Special glass fibre adhesive, for Cablejet® and Pipe Eel®, bottle 20 g



Recommended especially when pulling into already occupied pipes, underfloor ducts or over long distances. Silicone-free, skin-compatible, non-flammable.

cabling. Length 900 mm.

14 2509 cable ø 40 - 50 mm

14 2510 cable ø 50 - 65 mm

14 2511 cable ø 65 - 80 mm

CIMCO-item no.

CIMCO-item no.

> **14 2523** cable Ø 40 - 50 mm **14 2524** cable Ø 50 - 65 mm

Cablejet® 7.2 mm Ø
CIMCO-item no.
14 2160

Pipe Eel® 9 mm Ø CIMCO-item no. 14 2161

Pipe Eel® 11 mm Ø
CIMCO-item no.
14 2162

CIMCO-item no. 14 2193

CIMCO-item no.

14 2194 200 ml **14 2195** 1.000 ml

14 2196 5,000 ml **14 2197** 10.000 ml

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Product portal "Cable pull systems"





