

Product catalog 2023/11



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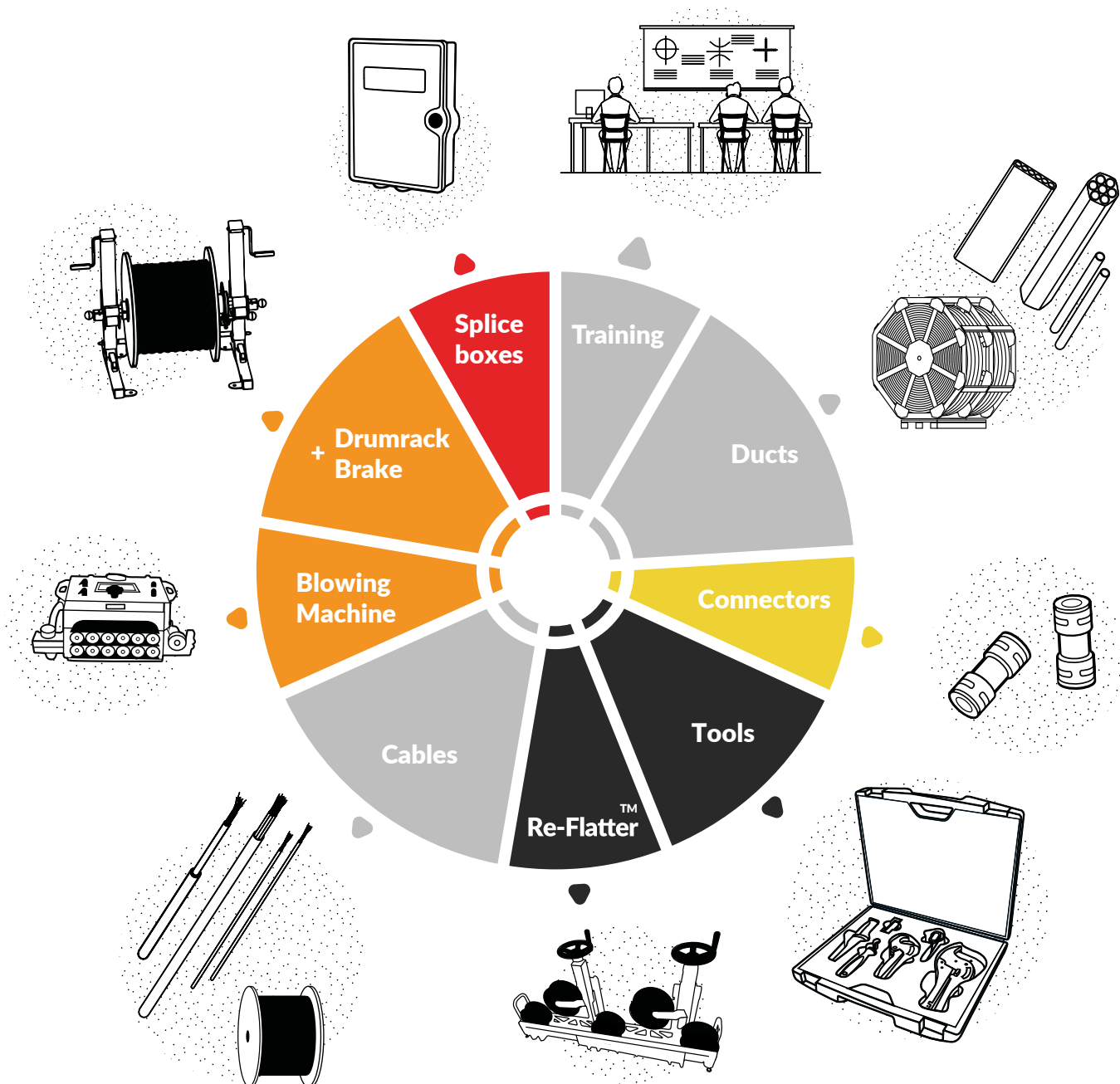





















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Fiberpowertech provides a broad range of accessories for fiber network installation and maintenance. Ranging from machines for installation of fiber cable to duct scissors and connectors. In this catalogue you'll find a wide variety of connectors, connector boxes, manhole acc. and tools.

OUR COMPANY

Fiberpowertech is dealing with FTTx accessories, primarily for the FTTH market. We have been pushing, dragging, blowing, floating, connecting and branching off in every way since the 1990's.

Fiberpowertech did a lot of pioneering and a lot of teaching, on how to install cable with air and water and using the correct accessories for the job through which we've gained vast experience in the field.



EXPERIENCES

No two FTTx networks are completely alike. Therefore you need the option to customize your network and your manholes, street cabinets and other components to exactly fit your specific network.

We frequently expand and widen our selection of available accessories.



We developed the first micro jetting machine in 2000 and our first MultiSub. Duct jetting machine in 2003. To get the best results, Fiberpowertech worked with several of the leading cable producers, to change the outer sheet and memory effects of the standard duct cable (1996-1998).

Since 2001, Fiberpowertech has been constantly developing and improving micro cables, which let to foundation of Cable77.

In this catalogue we are summing up many years of our experiences, with Fiberpowertec you have a reliable partner, with us in your project, you are on the way to succeed.

CONNECTORS

When working with / in a network, you need the right kind of accessories and tools.

Fiberpowertech provides a wide range of Connectors for assembling and terminating products such as Flatliner, Multiducts ect.



All Fiberpowertech connectors are thoroughly tested and have been approved for use with manufacturers of duct worldwide.

OTHER PRODUCTS

Fiberpowertech supplies a wide range of accessories for your network, spliceboxes, streetcabinet, ODF, Rack systems are some of our products, in the catalog there is wide range of our accessories.

Please feel free, to contact us for further information.

Made from sturdy and high quality long-lasting materials, all accessories are reliable and proven products that are specifically made for use with cable ducts, Years of experience, have told us exactly what works in the field.

MANHOLES

Manholes are a key component in any FTTx network, They allow you to easily and quickly access your network in the ground.

Fiberpowertech Manholes are made from a tough and very durable polycarbonate material, ideal for putting into the ground. All manholes are highly customizable and can be fitted with exactly the configuration you need for your network. Available in a wide range of sizes and models, special accessories, duct reducing inserts and sealings.



TOOLS

When building and maintaining your FTTx network, you need the right tools for the job.

Working in the field will stress and corrode your tools, by

using only the most durable of materials and keeping the tools simple and easy to use, Fiberpowertech can supply you with a selection of the best tools for the job. We have spent years figuring out exactly what tools will get the job done, while also keeping expenses at a minimum.

Fiberpowertech supplies all the tools you need, for handling FTTx networks.



Ask us for an suggestions to get the job done, if you like our ideas, we would be glad to offer you the right solution for your job.

Connectors for microducts

Reducing Connector



Size in mm	Article Number	MOQ
5/3	28-PR005/003	500
6/5	28-PR006/005	500
7/3	28-PR007/003	250
7/4	28-PR007/004	250
7/5	28-PR007/005	250
7/6	28-PR007/006	250
8/3	28-PR008/003	250
8/5	28-PR008/005	250
8/6	28-PR008/006	250
8/7	28-PR008/007	250
10/5	28-PR010/005	140
10/6	28-PR010/006	140
10/7	28-PR010/007	140
10/8	28-PR010/008	140
12/5	28-PR012/005	120
12/6	28-PR012/006	120
12/7	28-PR012/007	120
12/8	28-PR012/008	120
12/10	28-PR012/010	120
14/10	28-PR014/010	80
14/12	28-PR014/012	80
16/10	28-PR016/010	60
16/12	28-PR016/012	60
16/14	28-PR016/014	60
20/12	28-PR020/012	20
20/14	28-PR020/014	20
20/16	28-PR020/016	20

Straight Connector



Size in mm	Article Number	MOQ
3	28-PFTC003	500
4	28-PFTC004	350
5	28-PFTC005	350
6	28-PFTC006	300
7	28-PFTC007	200
8	28-PFTC008	200
10	28-PFTC010	140
12	28-PFTC012	100
14	28-PFTC014	80
16	28-PFTC016	60
20	28-PFTC020	15

End Connector



Size in mm	Article Number	MOQ
3	28-PFTE003	600
4	28-PFTE004	600
5	28-PFTE005	600
6	28-PFTE006	500
7	28-PFTE007	400
8	28-PFTE008	400
10	28-PFTE010	300
12	28-PFTE012	200
14	28-PFTE014	160
16	28-PFTE016	120
20	28-PFTE020	40

Materials

- Body: PC, impact resistant
- Collet: POM, stainless steel teeth
- O-Rings: Nitrile rubber

Temperature

- Min. working temperature: -20°C
- Max. working temperature: +60°C

Pressure

- Short time working pressure: 16 bar
- Insertion force: 50N max. (5 kg)

Locking Clips



Size in mm	Article Number	MOQ
5	28-PFTL005	100
7	28-PFTL007	100
10	28-PFTL010	100
12	28-PFTL012	100
14	28-PFTL014	100
16	28-PFTL016	100
20	28-PFTL020	100

Connectors for microducts

Reducing Connector FR



Size in mm	Article Number	MOQ
5/3	28-PR005/003FR	500
7/5	28-PR007/005FR	260
8/5	28-PR008/005FR	260
10/7	28-PR010/007FR	260
10/8	28-PR010/008FR	260
12/8	28-PR012/008FR	120
12/10	28-PR012/010FR	120
14/10	28-PR014/010FR	80
14/12	28-PR014/012FR	80
16/10	28-PR016/010FR	40
16/14	28-PR016/014FR	40
20/14	28-PR020/014FR	15

Straight Connector FR



Size in mm	Article Number	MOQ
5	28-PFTC005FR	500
6	28-PFTC006FR	350
7	28-PFTC007FR	350
8	28-PFTC008FR	300
10	28-PFTC010FR	200
12	28-PFTC012FR	200
14	28-PFTC014FR	140
16	28-PFTC016FR	100
18	28-PFTC018FR	80
20	28-PFTC020FR	20

End Connector FR



Size in mm	Article Number	MOQ
5	28-PFTE005FR	600
6	28-PFTE006FR	600
7	28-PFTE007FR	600
8	28-PFTE008FR	500
10	28-PFTE010FR	400
12	28-PFTE012FR	400
14	28-PFTE014FR	300
16	28-PFTE016FR	200
18	28-PFTE018FR	180
20	28-PFTE020FR	180

Materials

- Body: Polycarbonate, impact resistant, FR resistance V0
- Collet: Polycarbonate, impact resistant, FR resistance V0
- O-Rings: Nitrile Rubber (NBR)
- Grip rings: Stainless-Steel 304

Temperature

- Min. working temperature : -10°C
- Max. working temperature : +60°C

Pressure

- Continuous working pressure: 16 bar
- Insertion force: 50N max. (5 kg)

Norms

- Applicable standard: BS EN 50411-2-8-2009, UL90-V0

Connectors for microducts

Microduct Seal

Air & Waterproof, up to 0.5 Bar



Size in mm	Article Number	MOQ
5	28-MDGEC05/0,9-3,0	50
7	28-MDGEC07/0,9-3,0	50
10	28-MDGEC10/1,0-4,0	25
12	28-MDGEC12/2,0-6,0	25

For easy gas- and watertight sealing of cables in miniducts.

Materials

- Plastic housing: PE
- Sealing plug: TPE

Performance

- Sealing: up to 0,5 bar
- Pull-out force duct seal vs duct: > 20N

Connectors for microducts

Divisible duct repair kit



Size in mm	Article Number	MOQ
7	33-DR007	10
10	33-DR010	10
12	33-DR012	10
14	33-DR014	10
16	33-DR016	10
18	33-DR018	10
20	33-DR020	10

Divisible duct repair kit + Gas-stop



Size in mm	Article Number	MOQ
7	33-DR007GS	10
10	33-DR010GS	10
12	33-DR012GS	10
14	33-DR014GS	10
16	33-DR016GS	10
18	33-DR018GS	10
20	33-DR020GS	10

Divisible duct repair kit is suitable for connecting and repairing subducts which contain a cable. Our divisible sealing system enables you to install it easily onto existing installations.

Materials

- Material shells: glassfibre reinforced
- Material gasket: Silicone

Performance

- Gas and watertight up to 15 bar during 30 min

ID-plate



Size in mm	Article Number	MOQ
128x30x3	28-280622-3001	1 box

The Fiberpowertech ID-plate can be fitted to any duct in the 7-20mm range. The flatpack-design makes it easy to write on the surface before installation onto the duct.

Box contains 100 pcs.

ID plate dimension: 128x30x3 mm

ID plate surface dimension: 80x30 mm

Material

- PP White RAL9003

Connectors for microducts

Split End Connector

Air & Waterproof, up to 0.50 Bar



Size in mm	Article Number	MOQ
7/1,5-3,5	28-SEC007/1,5-3,5	25
10/2,5-8,0	28-SEC010/2,5-8,0	25
12/2,5-8,0	28-SEC012/2,5-8,0	25
14/1,5-10	28-SEC014/1,5-10	25
16/1,5-10	28-SEC016/1,5-10	25
20/3,5-14	28-SEC020/3,5-14	25

Performance

- Sealing: up to 0,5 bar
- Pull-out force duct seal vs duct 10mm: $\geq 100\text{N}$
- Pull-out force duct seal vs duct 12mm: $\geq 120\text{N}$
- Pull-out force duct seal vs duct 14mm: $\geq 140\text{N}$
- Pull-out force duct seal vs duct 16mm: $\geq 160\text{N}$
- Pull-out force duct seal vs duct 18mm: $\geq 180\text{N}$
- Pull-out force duct seal vs duct 20mm: $\geq 200\text{N}$

Split End Connector HDPE

Air & Waterproof, up to 0.25 Bar



Size in mm	Article Number	MOQ
32/3x10	28-F032/3x10	10
40/10x7	28-F040/10x7	10
40/4x12	28-F040/4x12	10
40/5x10	28-F040/5x10	10
40/3x14	28-F040/3x14	10
50/7x10	28-F050/7x10	10
50/7x12	28-F050/7x12	10
50/10x7-1x12	28-F050/10x7-1x12	10
50/18x7	28-F050/18x7	10
63/24x7-1x14	28-F063/24x7-1x14	10

Other sizes and configurations available upon request

Divisible seals for microducts provide a gas and watertight seal for open duct ends installed with air blown fiber or micro cables.

Materials

- Plastic scales: glassfibre reinforced
- Closing key: glassfibre reinforced
- Sealing plug: EPDM

Performance

- Sealing: up to 0,25 bar
- Pull-out force duct seal vs duct 32mm , 40mm: $\geq 1000\text{N}$
- Pull-out force duct seal vs duct 50mm , 63mm: $\geq 1200\text{N}$

Connectors for microducts

Compact Cable End Connector



Size	Article Number	MOQ
5	28-CCEC05/0,5-2,5	100
7	28-CCEC07/1,0-3,0	100
10	28-CCEC10/2,5-4,5	100
10	28-CCEC10/3,5-6,1	100
12	28-CCEC12/2,5-4,5	25
12	28-CCEC12/3,5-6,1	25
12	28-CCEC12/6,0-8,0	25
14	28-CCEC14/4,0-8,0	25
16	28-CCEC16/4,0-8,0	25
20	28-CCEC20/4,0-8,0	25
20	28-CCEC20/6,0-10,5	25

Seal Connector



Size in mm	Article Number	MOQ
7/1-3,8	28-e007/GBWB1-3,8	25
8/1-2,4	28-e008/GBWB1-2,4	25
10/1-4	28-e010/GBWB1-4	25
12/3-6	28-e012/GBWB3-6	25
12/5-8	28-e012/GBWB5-8	25
14/3-6	28-e014/GBWB3-6	25
14/5-8	28-e014/GBWB5-8	25
16/5-8	28-e016/GBWB5-8	25
16/6-9	28-e016/GBWB6-9	25
20/7-10	28-e020/GBWB7-10	25
20/9-12	28-e020/GBWB9-12	25

Reducing Seal Connector



Size in mm	Article Number	MOQ
7/3	28-e007/03 GAS	25
7/5	28-e007/05 GAS	25
10/7	28-e010/07 GAS	25
10/8	28-e010/08 GAS	25
12/7	28-e012/07 GAS	25
12/8	28-e012/08 GAS	25
12/10	28-e012/10 GAS	25
14/7	28-e014/07 GAS	25
14/10	28-e014/10 GAS	25
14/12	28-e014/12 GAS	25

Materials

- Body: PC, impact resistant
- Collet: POM, stainless steel teeth
- O-Rings: Nitrile rubber

Performance

- Air & Water tight: 0,5 Bar
- Insertion force: 50N max. (5 kg)

Temperature

- Min. working temperature: -20°C
- Max. working temperature: +60°C

Materials

- Body: Polycarbonate
- Guide tube retainer, release sleeve and cap: POM
- Oring seal: Nitrile
- Water block Seal: Silicone

Performance

- Air & Water tight: 0,5 Bar
- Peak tensile force: 200 N

Connectors for microducts

Endcap



Size in mm	Article Number	MOQ
5	34-DN005	100
7	34-DN007	100
8	34-DN008	100
10	34-DN010	100
12	34-DN012	100
14	34-DN014	100
16	34-DN016	100
18	34-DN018	100
20	34-DN020	100
25	34-DN025	100
32	34-DN032	100
40	34-DN040	100
50	34-DN050	100
63	34-DN063	100

Endcap



Size in mm	Article Number	MOQ
5	34-DN005.O	100
7	34-DN007.O	100
8	34-DN008.O	100
10	34-DN010.O	100
12	34-DN012.O	100
14	34-DN014.O	100
16	34-DN016.O	100
18	34-DN018.O	100
20	34-DN020.O	100
25	34-DN025.O	100
32	34-DN032.O	100
40	34-DN040.O	100
50	34-DN050.O	100
63	34-DN063.O	50

For protection of DIN EN 10220, DIN EN 10255 and DIN EN ISO 1127 pipes during transport and storage. Discontinuous internal beads, offset by 180 degrees, permit venting and pressure equalization.

Materials

- Material: polyethylene (PE-LD)/(PE-LLD)
- Material from GPN 250 / 219

Expandable Plug



Size in mm	Article Number	MOQ
32	31-40050032	1
40	31-40050040	1
50	31-40050050	1
63	31-40050063	1

Connectors for teleducts

Plowing Connector



Size in mm	Article Number	MOQ
32	33-DN032	48
40	33-DN040	48
50	33-DN050	40

Tool for Plowing Connector, 2pc set



Size in mm	Article Number	MOQ
32	79-041.071	1
40	79-041.072	1
50	79-041.073	1

Optimal acceptance of the PE-pipe in the fitting. The vortex clamping ring and a robust O-ring ensure the tensional safety and tightness. No supporting sleeves required for water and compressed air.
No inadmissible tensioning and weakening of the PE-pipe.

Continually adequate sealing and shearing-protection forces, which are regulated automatically by the internal pressure of the medium. Thanks to the selection of the material cast or POM, no electrochemical corrosion on the tapping clamps and house-connection sliders.

Materials

Fittings - Acetal resin

Performance

Pressure level PN 16

Comfit Connector



Size in mm	Article Number	MOQ
32	31-40032M0032	70
40	31-40032M0040	60
50	31-40032M0050	33

Features

- Push-fit action ensuring fast and easy installation
- Water tight and air tight
- UV stabilised
- Resistant to corrosion and most chemicals

Performance

- Pressure: 12 bar
- Working Temperatures : -15°C to + 60°C

Materials

- Grip Ring- Acetal
- Nut - Polypropylene
- Blocking-Ring - Polypropylene
- Body - Polypropylene
- Seal - Nitrile Rubber

Connectors for teleducts

Straight Connector



Size in mm	Article Number	MOQ
16	35-16x16t	75
20	35-20x20t	90
25	35-25x25t	60
32	35-32x32t	36
40	35-40x40t	36
50	35-50x50t	18
63	35-63x63t	1
75	35-75x75t	1

Straight couplers are a transparent couplers for connecting PE cable ducts. Connectors are water and air tight, UV stabilised, resistant to corrosion and most chemicals. In case of remounting : If the connector has been subjected to pressure, we recommend to replace the grippers.

Materials

- Body: Polypropylene - Transparent
- Nut: Polypropylene - Metric: Orange Inch: Blue
- Grip Ring: Acetal - White
- Insert: Polypropylene - Inch: Transparent
- Seal: Nitrile Rubber - Black

Performance

- Pressure: $\leq 16\text{bar}$ (230psi)
- Working temperature: $< 60^{\circ}\text{C}$ (140°F)

Straight Connector



Size in mm	Article Number	MOQ
16	35-16x16tt	50
20	35-20x20tt	50
25	35-25x25tt	40
32	35-32x32tt	25
40	35-40x40tt	13
50	35-50x50tt	15
63	35-63x63tt	17



Connectors for teleducts

Reducing Connector



Size in mm	Article Number	MOQ
20-16	35-20x16	50
25-20	35-25x20	35
32-20	35-32x20	54
32-25	35-32x25	48
40-25	35-40x25	30
40-32	35-40x32	22
50-25	35-50x25	18
50-32	35-50x32	25
50-40	35-50x40	24
63-32	35-63x32	15
63-40	35-63x40	15
63-50	35-63x50	12

For use with HDPE pipes that comply with ISO 4427, EN 12201 and DIN 8074. Connects to metal and plastic accessories with ISO 7 threads. Made from top quality raw materials approved for drinking water by WRC, DVGW and KIWA.

Allows easy and quick mounting without loss of parts. Unbreakable, corrosion-resistant and resistant to most chemicals. Stands up to tough working conditions, pipe bending and pulling. Complies with International Standards. In case of remounting : If the connector has been subjected to pressure, we recommend to replace the grippers.

Materials

- Grip Ring: Acetal
- Nut: PPB UV stabilized with carbon black
- D-Ring: Nitril -Butyl Rubber
- Body: PPB UV stabilized with carbon black

Performance

- Maximum Working Temperature : Polypropylene 100°C
Acetal 80°C
- Working Conditions for 50 Year Lifetime : up to 23°C - 16 bar
up to 40°C - 7 bar
up to 70°C - 4 bar

Endstop



Size in mm	Article Number	MOQ
16	35-16x16s	75
20	35-20x20s	90
25	35-25x25s	60
32	35-32x32s	36
40	35-40x40s	36
50	35-50x50s	18
63	35-63x63s	18

Connectors for teleducts

Connector Box



Size in mm	Article Number	MOQ
2x50	28-e50/50 CB L	1

Connector Box



Size in mm	Article Number	MOQ
4x50	28-e50/50/50/50	1

Connector



Size in mm	Article Number	MOQ
32/32/32 T	28-ET32/32/32	1
40/40/40 T	28-ET40/40/40	1
50/50/50 T	28-ET50/50/50	1

Connector



Size in mm	Article Number	MOQ
25/25/25 Y	28-EY25/25/25	1
32/32/32 Y	28-EY32/32/32	1
40/40/40 Y	28-EY40/40/40	1
50/50/50 Y	28-EY50/50/50	1

T/Y/H/I closures to interconnect and branch micro-tubes in duct routes. It provides high network flexibility, upgrade ability and uninterrupted fibre/cable connectivity with no need for splicing. Two half shells, fully splittable solution.

Materials

- Rings: ABS/POM
- Body: HDPE/High Impact Polypropylene

Performance

- Sealing level : only mechanical protection
- Use : Direct burial or manholes
 - Reopenable, Splittable
 - Tool free assembly



Accessories for micro/teleducts

Branch Off 2 x 12 mm.



Size in mm	Article Number	MOQ
2x12	28-EH50/50	1

Branch Off 40 mm.



Size in mm	Article Number	MOQ
40	28-EH40/40	1

Branch-off connectors for outside applications. Designed as manipulation point for branching at any place in network.

Materials

- Body - PE

Port Maxifold



Size/Cable	Article Number	MOQ
50/7x12	28-E50/7x12	1

Port Minifold



Size/Cable	Article Number	MOQ
50/5x10	50-33E5x10	1

Port Reducer



Size in mm	Article Number	MOQ
50/2x20	28-ER50/20/20	1

Port Reducer



Size in mm	Article Number	MOQ
50-20	28-EPR50/20	1
50-32	28-EPR50/32	1
50-40	28-EPR50/40	1
40-32	28-EPR40/32	1

Accessories for micro/teleducts

Repairing Connector



Size in mm	Article Number	MOQ
32	32-EBM032	12
40	32-EBM040	12
50	32-EBM050	12

The divisible connector is used for the gas- and water-tight connection of split ducts and ducts. The connectors are resistant to tensile.

Materials

- Body - PVC-U

Performance

- 0.5 bar permanent (10 bar/30 min)

Repairing Ducts, 2 mtr. splittable



Size in mm	Article Number	MOQ
32	32-EBMR32	1
40	32-EBMR40	1
50	32-EBMR50	1

The split ducts were developed for the pressure-tight repair of empty ducts or ducts occupied with cables or pipes. They are suitable for the gas- and water-tight sealing of blow-in points. They consist of two half shells.

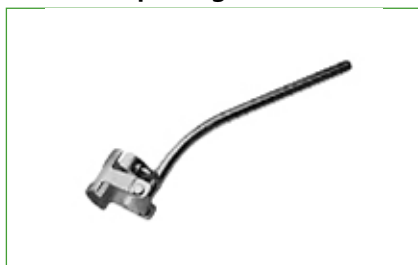
Materials

- Body: PVC

Performance

- Gas- and water-tight up to 0,5 bar

Tool for repairing Ducts



Size in mm	Article Number	MOQ
32	32-EBMV32	1
40	32-EBMV40	1
50	32-EBMV50	1

Manhole and accessories

Manhole (PC)



Size in mm	Article Number	MOQ
250x250	37-EK 268	1
400x400	37-EK 358	1
400x650	37-EK 368	1
400x800	37-EK 378	1
400x1165	37-EK 478	1
400x1600	37-EK 628	1
550x550	37-EK 288	1
550x1165	37-EK 338	1
650x650	37-EK 388	1
800x800	37-EK 328	1
800x1165	37-EK 508	1
800x1400	37-EK 428	1
800x1600	37-EK 708	1
800x1825	37-EK 728	1
800x2000	37-EK 738	1
800x2200	37-EK 748	1

Manhole Frame (70mm , 220mm)



Size in mm	Article Number	MOQ
250x250	37-EKR 268	1
400x400	37-EKR 358	1
400x650	37-EKR 368	1
400x800	37-EKR 378	1
400x1165	37-EKR 478	1
400x1600	37-EKR 628	1
550x550	37-EKR 288	1
550x1165	37-EKR 338	1
650x650	37-EKR 388	1
800x800	37-EKR 328	1
800x1165	37-EKR 508	1
800x1400	37-EK 428	1
800x1600	37-EKR 708	1
800x1825	37-EKR 728	1
800x2000	37-EKR 738	1
800x2200	37-EKR 748	1

Manhole Frame with Cassette



Size in mm	Article Number	MOQ
250x250	37-EK268BK	1
400x650	37-EK368BK	1
400x800	37-EK378BK	1
400x1165	37-EK478BK	1
550x550	37-EK288BK	1
550x1165	37-EK338BK	1
800x800	37-EK328BK	1
800x1600	37-EK708BK	1

Polycarbonate manholes are suitable as cable drawing manholes, telecommunication distribution systems and underground distribution systems. They are a durable and flexible alternative to concrete manholes.

Materials

- Body: Polycarbonate

Technical data

- Cover options:
 - 15 kN 1,5 ton
 - 125kN 12,5 ton
 - 400kN 40 ton
- Height adjustable:
 - +/- 50mm



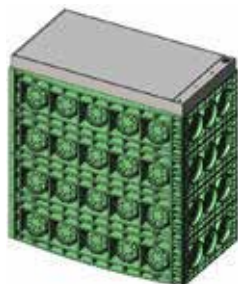
Manhole and accessories

Manhole Basebox (PET)



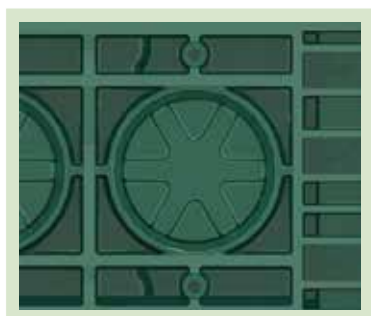
Size in mm	Article Number	MOQ
250x250	37-EK 268	1
400x400	37-EK 358	1
400x650	37-EK 368	1
400x800	37-EK 378	1
400x1165	37-EK 478	1

Base
Box



Example: 400x800 with 4 frames
and a GRP cover with
locking

3D-ribFrame®
designed to resist



The BaseBox is sustainable PET manhole designed as a basic product for use in a wide range of applications. And it's all possible due to a production process using PET foams to make injection-moulded parts. This enables us to supply a manhole made from recycled disposable PET bottles.

Advantages

- Modular design
- Frame elements that can be built over on the face side possible at any level
- ø110 mm standard break points
- Covers made of glass fibre reinforced resin up to 125kN
- Grooved base plate for better anti-slip characteristics
- Logo option possible

Technical data

- Body: Foam-moulded PET
- Frame material: Hot-dip galvanised steel
- Locking cross-bar material: Hot-dip galvanised steel
- Cover: Glass-reinforced resin
- Weight per cover: Between 7 and 25 kg
- Max. load: 125 kN
- Can be built over: Yes, on the face side
- Locking mechanisms: Hexagon socket head, COLT/Telenet

Manhole and accessories

Ø110mm Manhole Seal For Flatliner/Multiduct



Size in mm	Article Number	MOQ
110	37-270921-0001	1

Product advantages

- Protection for your cables, pipes and manholes
- The conduit seal prevents silting or sanding up of the cable installation pipes or manholes
- The special insert of egg crate foam seals off the cables/ducts
- New ECO friendly design saves usage of material

Materials

- Body: Regenerated PP
- Colour: Black
- Foam: B2240 ECO

Ø110mm Manhole Seal For Micropipes



Size in mm	Article Number	MOQ
110	37-200.111	1

Product advantages

- Protection for your cables, pipes and manholes
- The conduit seal prevents silting or sanding up of the cable installation pipes or manholes
- The special insert of egg crate foam seals off the cables/ducts
- The conduit seal can be opened so that it can be fitted to cables or manholes that are already installed

Materials

- Body: PE
- Colour: Black

Manhole and accessories

Reducer for a Manhole

		
Size in mm	Article Number	MOQ
110/1x50	37-ST006300	1

Reducer for a Manhole

		
Size in mm	Article Number	MOQ
110/2x50	37-ST006302	1

Product description

- Pipe adapter, divisible
- For opening Ø 110 mm
- With 2 pipes inlets Ø 50 mm
- For inserting cables or pipes

Materials

- Body: PE
- Colour: Black

Covering

		
Size in mm	Article Number	MOQ
50-110	37-200.026	1

Product description

- Stepped grommet
- To allow connection of different pipe sizes
- For opening Ø 110 mm
- Allows connection of pipes with external diameter 90, 75, 63, 50 and 40 mm

Rubber Reducer

		
Size in mm	Article Number	MOQ
50-32	37-100/024	1
50-40	37-100/025	1

Product description

- Moulded transition piece (reducer)
- Reducer for Ø 50 mm opening , divisible
- Can also be used with existing cables or manholes

Manhole and accessories

Hook, 2pc set



Size in mm	Article Number	MOQ
220	37-100/040	1
850	37-100/041	1

Product description

- Lifting hook for cover
- Set (2 ea.)

Key



Article Number	MOQ
37-KEY	1

Product description

- Tools for attaching manhole cover
- Offset screwdriver for head form hex socket

Logo Plates



Size in mm	Article Number	MOQ
40 x 80	37-311899	50

Product description

- Customer-specific company symbol
- Cast bronze: for cast and chequered stud plate covers
- Aluminium: for concrete covers
- Recessed in cover

Materials

- Body: Bronze , Aluminium
- Size: 80 x 40 mm

Manhole and accessories

Rodent protection Tape

 		
Width/Length	Article Number	MOQ
250x250	37-EK 268	1
400x400	37-EK 358	1
400x650	37-EK 368	1
400x800	37-EK 378	1
400x1165	37-EK 478	1

Features

- This fiberglass tape is used to protect cables and/or microducts, in all situations where they may be exposed to attacks by rodents, for example inside handholes, manholes, tunnels, and other empty spaces. The tape can be applied to both new and already existing infrastructures.
- The tape is made with a 1.5 mm thickness fiberglass weave, natural color, and has one pre-glued side to facilitate installation on cables and/or ducts.

Micro cable storage bag

 	
Size in mm	Article Number
420x420x15	27-001.67
500x500x15	27-001.66
610x630x15	27-001.67.2

Features

- The micro-cable storage bag is used inside manholes to protect the micro-cable overlength and to keep it secure and organized.
- It is made of a fiberglass fabric to prevent rodent attacks.

The bag has a high-resistance Velcro opening at the top with two flaps at the opposite sides to wrap the ducts and protect the entrance to the bag. A steel band inserted at the top back allows easy mounting of the bag on a multi-point bracket fixed to the wall. At the front, the bag has a transparent envelop to host the identification label of the cable / customer.



Duct tools and accessories

Tool Box MINI



Model	Article Number
MINI	79-100.001

Included : Cable Knife, Micro Cutter, 2-26mm Cutter, Deburrer 7-20mm, Pipeplough.

Tool Box BASIC



Model	Article Number
BASIC	79-100.002

Included : Knife for Flatliner, Micro Cutter, Inside Deburrer, 2-26mm Cutter, 32-50mm Cutter, Pipeplough, Deburrer 32-50mm

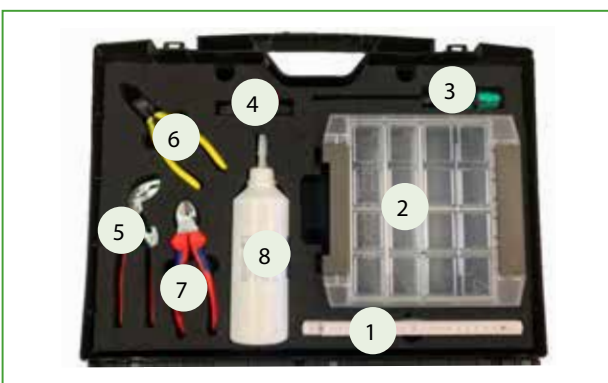
Tool Box PRO



Model	Article Number
PRO	79-100.003

Included : Knife for Flatliner, Micro Cutter, 2-26mm Cutter, 32-50mm Cutter, Pipeplough, Deburrer 10-54mm Pro, Cable Knife, Rotary Cutter 5-16mm

Tool Box PRO Extra Layer Accessories (Optional)



Model	Article Number
1. RULER 200CM	79-00.7005
2. ACS.BOX	79-00.7003
3. SCREWDRIVER	79-00.7004
4. GASBURNER	79-00.7006
5. W.P PLIERS	79-00.7002
6. F. CABLE CUTTER	79-00.6885
7. DIAGONAL CUTTER	79-00.7001
8. LUBRIC 500ML	70-Lubric S5000 0,5

Duct tools and accessories

Chain Cutter



Size in mm	Article Number	MOQ
20-110	79-7.0285	1

Key features

- For copper, brass, aluminium, thin-walled steel pipes, as well as plastic coated pipe
- Ideal for working in confined spaces, e.g. parallel-running pipes

Cutter Large



Size in mm	Article Number	MOQ
50-75	79-041.047	1

Application advantages

- Shear arms lockable in transport position
- Secure grip with the rubberised handles
- Precise right-angled cuts
- Precise pressure transfer and guided cutter feed
- Pin-point precision without deformation
- Minimum effort during cutting
- Automatic, controlled opening of the blade at the push of a button

Cutter Small



Size in mm	Article Number	MOQ
2-26	79-041.039	1

Materials

- Body: Aluminium
- Blade: Stainless Steel

Cutter Medium



Size in mm	Article Number	MOQ
32-50	79-041.041	1

Spare Blades



Size in mm	Article Number	MOQ
32-50	79-041.041K	1

Duct tools and accessories

Pipeplough



Size in mm	Article Number	MOQ
20-110	79-041.050	1

Key features

- Tool for splitting ducts
- With guide blade which prevents damage of the cable
- Adjustable cutting depth
- Is in the FPT toolbox

Pipeplough Spare Parts



Item	Article Number	MOQ
Holder	79-041.052	1
Knife	79-041.051	1

Key features

- Spare knife reversible
- Knife holder steel

Cable Stripping Knife with Cap



Size in mm	Article Number	MOQ
47	79-041.055	1

Key features

- For removal of insulation and sheath
- Special blade with guide blade prevents damage of the cable
- Blade and back sharpened made of tempered stainless steel

Knife for Flatliner/Cable



Article Number	MOQ
79-041.053	1
79-041.054	1

Key features

- The holster can be attached to both a belt and a button on your work clothes - If your belt is thick, cut away the small pin on the cover
- The flat nose knife's blade is made from Japanese knife steel, 2.5 mm carbon steel that has been hardened to 58–60 HRC

Duct tools and accessories

Micro Cutter



Size in mm	Article Number	MOQ
0-12	79-041.038	1/10

Key features

- Precise Cutter with quick release
- A hardened steel blade is mounted to a sturdy plastic spring-action frame

Rottary Cutter PRO



Size in mm	Article Number	MOQ
5-16	79-041.040	1

Key features

- Precise Cutter with quick release
- A hardened steel blade is mounted to a sturdy plastic spring-action frame

Inside Deburrer



Size in mm	Article Number	MOQ
5-120	79-041.037	1

Rottary Cutter



Size in mm	Article Number	MOQ
32	79-041.032	1
40	79-041.040	1
50	79-041.050	1

Key features

- Rottary microduct cutter
- Fast Cut.
- Flexible casing.
- Less space required.
- No deformation of the pipe.

Inside/Outside Deburrer Mini



Size in mm	Article Number	MOQ
7-20	79-300323-1001	5

Inside/Outside Deburrer



Size in mm	Article Number	MOQ
4-36	79-041.019	1

Inside/Outside Deburrer Pro



Size in mm	Article Number	MOQ
10-54	79-041.020	1

Duct tools and accessories

Electronic Marker Locator



Article Number	MOQ
70-3M-100	1

Key features

- Detects probes/balls down to 1,5 mtr. depth.
- Digital signal processor accuracy.
- Large-character easy to read display.
- Bar graph, numeric & audible signal strength indicators.
- Speaker volume adjust.
- Headphone jack.
- Battery level indicator and low battery warning.
- Weather resistant & Rugged construction.

Trace Ball



Article Number	MOQ
37-D/OM0019A	6

Electronic PEN Marker RFID



Article Number	MOQ
37-D10M00101.4KHZ	10

Key features

- The Electronic Marker System quickly pinpoints the location of buried facilities including splices, fiber optic facilities, service drops and manholes.
- Markers operate even in the presence of metal conduit or pipe, metallic conductors, fences.

Glasfiber rod



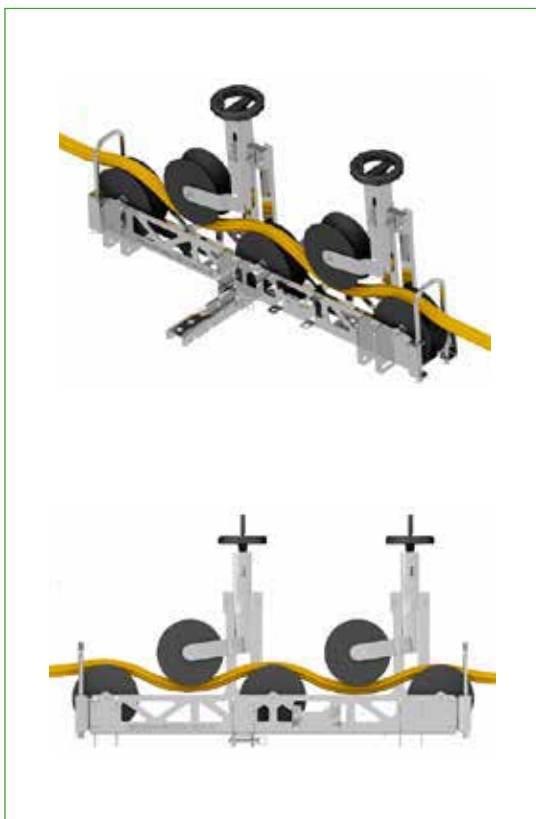
Size in mm	Article Number	Meters
4,5	70-79-2001	80
6,0	70-79-2002	80
9,0	70-79-2003	150

Pull Eye (1)



Size in mm	Article Number	MOQ
32mm	70-79-1997	1
40mm	70-79-1998	1
50mm	70-79-1999	1

Multiduct Re-Flatter™ [®] [®]



Model	FPT Re-Flatter
Art.Nr.	79-FLATTER
Dimensions WxHxD	1340x760x660 mm
Frame material	Galvanized steel
Weight (whole set)	44,8 kg
POM-wheels	with SKF bearings
POM-wheels	Ø200 mm

Multiduct Re-Flatter is a patented, innovative solution for loosening the microducts tension in the bundle.

It allows to get rid of stress on the whole length of the drum before final installation.

If the multiduct is installed with twists and turns the blowing length can be reduced to 10-20% of straight installation.

The multiduct has to be installed in a straight line to guarantee the best blowing performance and installation length.

Key features

- The length of the jack 120mm for regulation
- Ø200 mm wheels
- Black POM-wheels with SKF bearings
- Type-plate with serial number
- GPS-Tracker
- Bracket to hold the crossbar during transport



Multiduct Re-Flatter™[®] [®] [®]

1. Height and pressure regulation

depends on the model

2. Black POM-wheels

SKF bearings

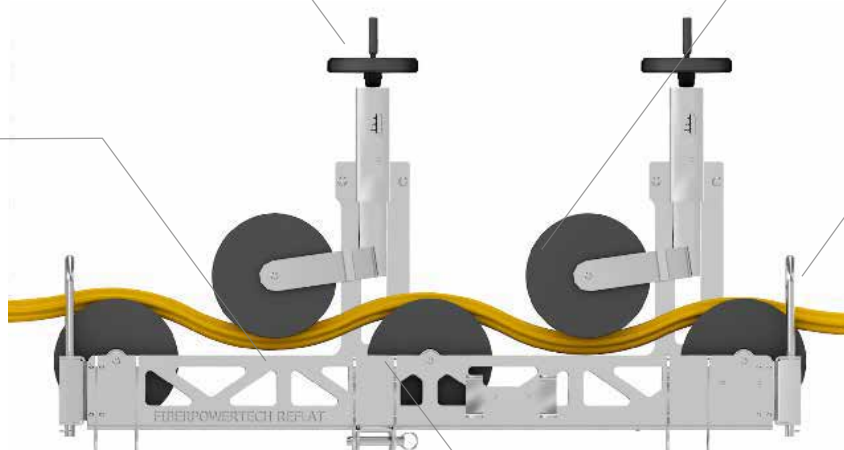
4. Steel Frame

3. Bracket

2 pcs.

5. Stabilisation support

6. GPS-Tracker



Reduces duct's tension



Quick installation saves time and money



Long life and robust



Compact size; easy to dislocate

Multiduct Re-Flatter™®®



- 1 Depending on the drum size the twists and turns are making the job more difficult.
- 2 Even after unrolling multiducts the stress is still in the bundle. Problems of overlength and "corkscrew" or "snake" effect disturb the process.
- 3 Example of the multiduct without Re-Flatter treatment on the left and after on the right side.

Problems

- Twists and turns
- "Corkscrew" or "Snake" effect
- Overlength problem
- Disturbance in the installation process
- Poor blowing length and performance
- Maintenance issues

Fiber tools and accessories

Blown Fibre Preperation Tool



Size in mm	Article Number	MOQ
multi	79-00.5480	1

Product description

- Tube cutter
- Bead crimper
- Manifold tube measurement guide
- Tube reforming nipple
- Gas and water block activation tool
- 30mm splice protector fibre guide

Fibre Optic Cable Stripper



Size in mm	Article Number	MOQ
multi	79-00.6175	1

Product description

- Cutting and stripping to the very highest tolerances
- Stripping and removal of 2 - 3 mm outer jacket
- Stripping 900µm buffer insulation
- Stripping 250µm acrylate coating

Compact Fibre Optic Cable Stripper



Size in mm	Article Number	MOQ
multi	79-00.6912	1

Product description

- For circumferential and longitudinal stripping
- The stripper uses two 'V' groove steps (0-3.2mm and 3mm- 6.4mm)
- Stripping of most fibre optic cables up to a maximum diameter of 6.4mm.

Slitter Mid Span Fibre Access Stripper



Size in mm	Article Number	MOQ
multi	79-00.6625	1

Key features

- A simple and effective longitudinal sheath stripper tool for easy removal of the outer sheath of most fibres with a diameter of 1.5mm to 3.3mm
- 4 preset grooves, (1.5-1.9mm, 2.0-2.4mm, 2.5 -2.9mm and 3.0-3.3mm)

Fiber tools and accessories

Compact Plastic Duct Cutter



Size in mm	Article Number	MOQ
1-14	79-00.7292	1

Product description

- PTFE coated blade for precision cutting of microducts up to a diameter of 14mm
- Incorporating a one-handed locking system

Fiber Cable Cutter



Size in mm	Article Number	MOQ
0-13	79-00.6885	1

Product description

- Designed to cut through Kevlar and steel wire reinforced fibre optic cables

Multi Fibre Stripper



Size in mm	Article Number	MOQ
1,0-3,2	79-00.2018	1
3,2-5,6	79-00.5878	1
5,0-8,0	79-00.3035	1

Product description

- The adjustable blades can be set for any depth to help ensure nick-free stripping on a variety of coaxial cables
- The stripper is supplied with one round and three straight blades
- The stripper can be used for circumferential and longitudinal stripping of fibre cables

Fibre Tube Scoring Tool



Size in mm	Article Number	MOQ
multi	79-00.4743	1

Product description

- Scores buffer tube sizes from 1.3 mm to 6.0 mm, eliminating multiple tools
- Factory fixed hardened carbon steel blade requires no timely blade adjustment
- Body made of strong resilient acetal polymer

Cable Jacket Stripper



Size in mm	Article Number	MOQ
multi	79-00.4799	1

Product description

- Across and Lengthwise Fiber Cable Stripper is used for stripping the sheath of optical cable
- Crosswise stripping function

Tools organizer



Size in mm	Article Number	MOQ
multi	79-00.4800	1

Product description

- Model canvas 200 x 400 mm

Reaming and Deburring Tool

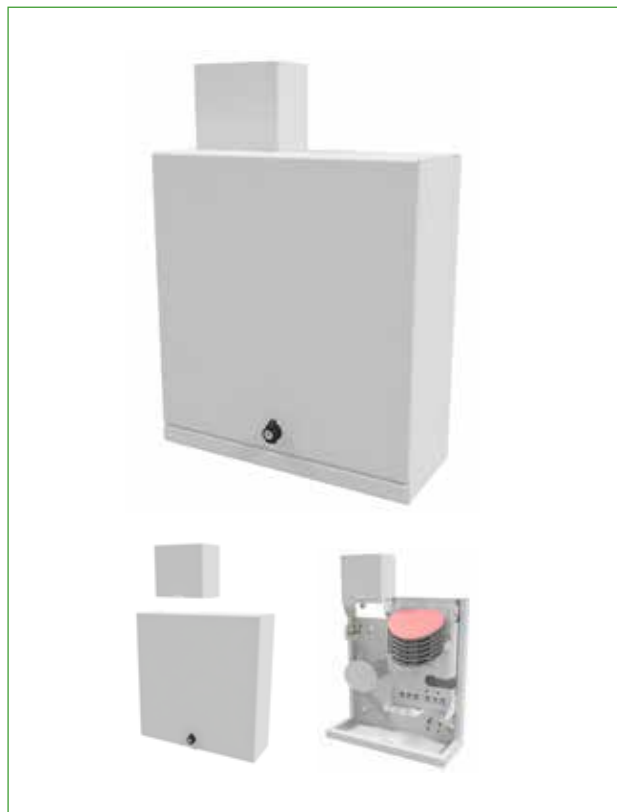


Size in mm	Article Number	MOQ
2-12	79-00.6467	1

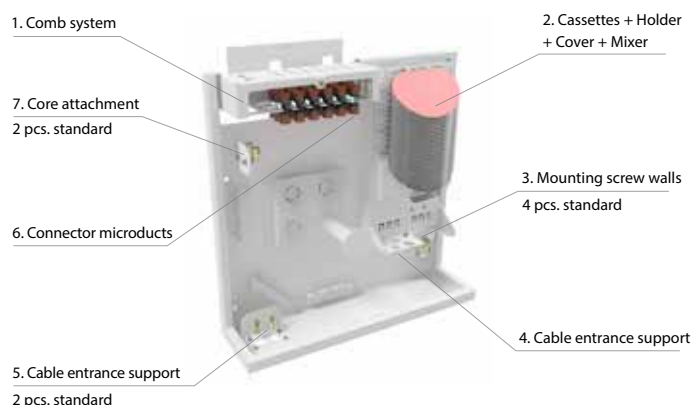
Product description

- Tool for deburring or reaming the internal surface of plastic blown fibre tubes
- Comfort grip handle

Housing Cabinet for Microinfrastructure Distribution Cabinet FPT-SCB350



Model	FPT-SCB350
Art. Number	42-800.105-B
Dimensions	WxHxD 350 x 380 x 141 mm
Cabinet material	Aluminium



Light weight



Excellent
mechanical
endurance



Long life

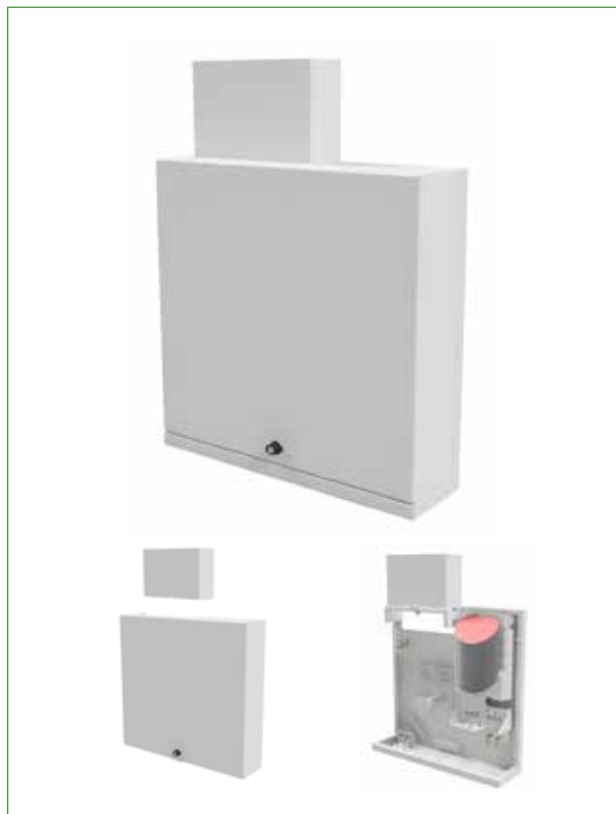
Professional housing cabinet used in FTTH projects. Excellent performance, flexible structure. For small and medium buildings. Easy installation process.

SCB350 is an innovative solution that is the optimal balance between size, density and access. Optimal for cable protection. Comb system for easy planning, blowing and splicing documentation.

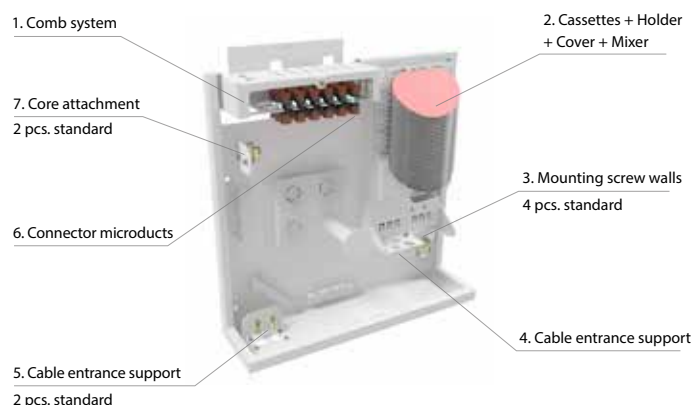
Features and Benefits :

- Number of Flats: 1-24
- Wall Mountable Cabinet with all accessories
- 1 -144 optical fibers
- Breakout possibility
- Rubber sealings elements Ø2 - Ø12mm
- PG for cable solution
- Connectors for microducts solution
- Different cable sizes
- Different lock systems
- Small series on customers demand

Housing Cabinet for Microinfrastructure Distribution Cabinet FPT-SCB500



Model	FPT-SCB500
Art. Number	42-800.102-B
Dimensions	WxHxD 500 x 500 x 142 mm
Cabinet material	Aluminium



Light weight



Quick
installation



Long life

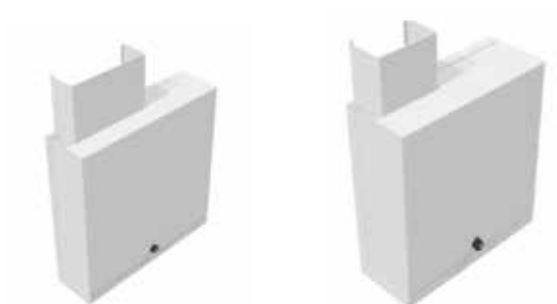
Professional housing cabinet used in FTTH projects. Excellent performance, flexible structure. For small and medium buildings. Easy installation process.

SCB500 is an innovative solution that is the optimal balance between size, density and access. Optimal for cable protection. Comb system for easy planning, blowing and splicing documentation.

Features and Benefits :

- Number of Flats: 1-48
- Wall Mountable Cabinet with all accessories
- 1-288 optical fiber
- Breakout possibility
- Rubber sealings elements $\varnothing 2 - \varnothing 12\text{mm}$
- PG for cable solution
- Connectors for microducts solution
- Different cable sizes
- Different lock systems
- Small series on customers demand

- 1 Comb solution for SCB350 / SCB500. It is designed for easy mounting in the cabinet. Have different standard sizes to suit just your needs.
- 2 The comb slides in the cabinet from behind and then is attached simply with a bolt inside the cabinet.
- 3 The upper jaw of the comb is there to put system in the pipes that come down to the cabinet.
- 4 The lower jaw of the comb is to hold our pipe connector where the pipe ends and your cable continues down and becomes spliced.



Name	FPT-SCB350			FPT-SCB500		
Size in mm	350 x 380 x 141			500 x 500 x 142		
Part Nr	42-800.105.B			42-800.102.B		
Colour	Light grey			Light grey		
Material	Aluminium			Aluminium		
Tray Pack	2			4		
	Splitter Nr	Max. Splices		Splitter Nr	Max. Splices	
		Shrink	Crimp		Shrink	Crimp
STP6-24M			144			288
STP3-PLC	12		96	24		192
STP6-8S		96			192	
STP3-24S		144			288	
STP6-12S		144			288	

Splice Box for fiber fusion Splice Cabinet FPT-APL288

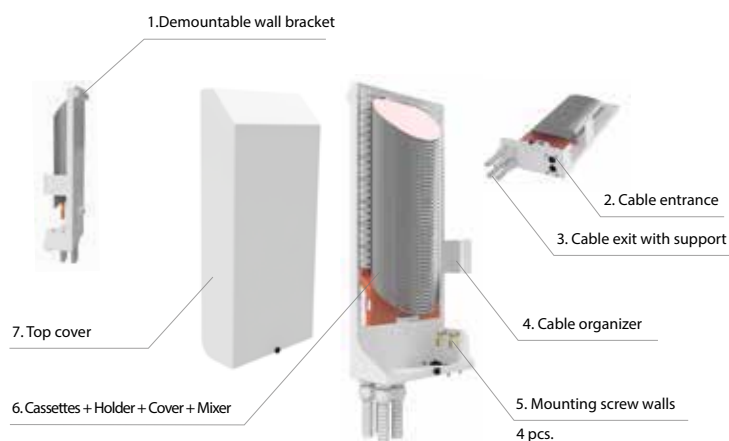


Model	FPT-APL288
Art. Number	44-288.100
Dimensions	WxHxD 216 x 341 x 108 mm
Cabinet material	Aluminium

FPT-APL288 - is a splice closure for a multi residential units. It terminates 288 fibers in a compact design with innovative sealing concept and fiber management solution.

Easy wall mounting and access protection accessories are included in the set. This applies also to seals which are pre-perforated and ready for a quick installation.

The side bracket offers place to store excess lengths of fiber cables.



Features and Benefits :

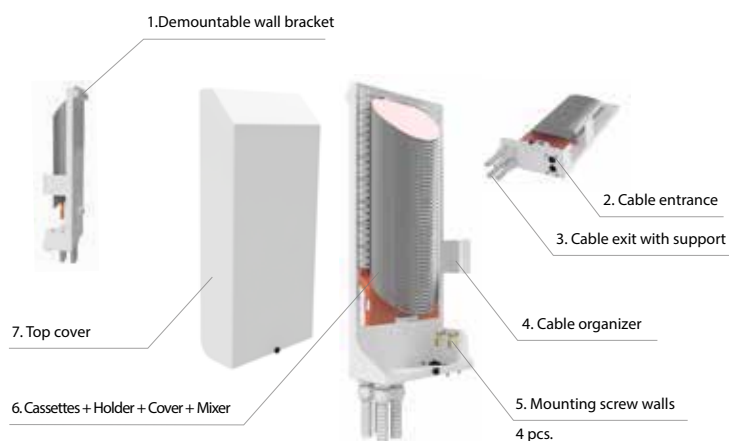
- Wall Mountable Cabinet with all accessories
- 12-288 optical fibers
- PG for cable solution
- Different cable sizes
- Easy mounting in sections
- Made in Aluminium • Different combinations
- Violence protected

Name	FPT-APL288		
Size in mm	216 x 341 x 108		
Part Nr	44-288-100		
Colour	Light grey		
Material	Aluminium		
Tray Pack	4		
	Splitter Nr	Max. Splices	
		Shrink	Crimp
STP6-24M			288
STP3-PLC	48		192
STP6-8S		192	
STP3-24S		288	
STP6-12S		288	

Splice Box for fiber fusion Splice Cabinet FPT-APL576



Model	FPT-APL576
Art. Number	44-288.100
Dimensions	WxHxD 216 x 485 x 108 mm
Cabinet material	Aluminium



Features and Benefits :

- Wall Mountable Cabinet with all accessories
- 12-576 optical fibers
- PG for cable solution
- Different cable sizes
- Easy mounting in sections
- Made in Aluminium • Different combinations
- Violence protected

Name	FPT-APL576		
Size in mm	216 x 485 x 108		
Part Nr	44-288-100		
Colour	Light grey		
Material	Aluminium		
Tray Pack	8		
	Splitter Nr	Max. Splices	
		Shrink	Crimp
STP6-24M			576
STP3-PLC	96		384
STP6-8S		384	
STP3-24S		576	
STP6-12S		576	

FPT-APL576 is a slightly bigger solution for different conditions. Its a splice closure for a multi residential units. It terminates 576 fibers in a compact design with innovative sealing concept and fiber management solution.

Easy wall mounting and access protection accessories are included in the set. This applies also to seals which are pre-perforated and ready for a quick installation.

The side bracket offers place to store excess lengths of fiber cables.

FPT-MG2 FttX 90° House Entry



Model	FPT-MG2 FttX 90 °	FPT-MG2 Sealant	FPT-MG2 Wall Cover
Art. Number	50-060520-0099	50-060520-0098	50-060520-0097
Tag Number	1	2	3
Material	PC/ASA	-	Galv. steel



1: FPT-MG2 FttX 90°
 Above Ground House Entry. For in- & out-door installation. UV resistant, Flame retardant, 5-12mm duct/cable, retrofit, White RAL9010. Screws & plugs included.
 Complete set with 10pcs.

2: FPT-MG Sealant
 310ml cadrige. Flame retardant. 1pcs.

3: FPT-MG Wall Cover
 1000mm Wall cover. Galv. Steel 1pcs.



FPT-MG1 Underground House Entry



Model	FPT-MG1 Underground House Entry		
Art. Number	50-060520-0095	50-060520-0096	50-060520-1036
Tag Number	1	1	2
Bore dimension	20 mm	25 mm	All

1: FPT-MG1 Underground House Entry

Below Ground House Entry. For out-door installation. Gas and watertight up to 1 bar. Horizontal and incline installation is possible due to the smart hinge design. MG-1 is usable in all wall thicknesses.

50-060520-0095 Ø20 bore, 7mm duct.
Complete set with 6pcs.

50-060520-0096 Ø25 bore, 7-12mm duct.
Complete set with 6pcs.

2: M3000 2K Resin,
80ml cartridge. 1pcs.



Fiber optical terminal box

Terminal box

FPT Gf-AP Hüp 1WE



Model	FPT Gf-AP Hüp 1WE
Tray capacity	2 X 12F
Box size	155 x 260 x 48 mm
Weight	610 g
IP rating	55
Adapter Capacity	3 pcs. duplex
Installation	Wall mounted
Type	In- & outdoor
UV resistance	ISO 4892/2
Flame resistance class	UL 94 V-0
IK resistance	07
Art. Number	27-190259
Trays included	0
Adapters included	0
Pigtails included	0
Art. Number	27-190260
Trays included	2X 12F Crimp
Adapters included	3X LC/APC Duplex
Pigtails included	6X LC/APC 2m

Fiber optical terminal box

Terminal box

FPT Gf-AP Hüp 2-3WE



Model	FPT Gf-AP Hüp 2-3WE
Tray capacity	4 X 12F
Box size	200 x 280 x 65 mm
Weight	915 g
IP rating	55
Adapter Capacity	7 pcs. duplex
Installation	Wall mounted
Type	In- & outdoor
UV resistance	ISO 4892/2
Flame resistance class	UL 94 V-0
IK resistance	07

Art. Number	27-190269
Trays included	0
Adapters included	0
Pigtails included	0

Art. Number	27-190270
Trays included	2X 12F Crimp
Adapters included	5X LC/APC Duplex
Pigtails included	10X LC/APC 2m

Art. Number	27-190280
Trays included	3X 12F Crimp
Adapters included	7X LC/APC Duplex
Pigtails included	14X LC/APC 2m

Fiber optical terminal box

Terminal box

FPT Gf-AP Hüp 4-23WE



Model	FPT Gf-AP Hüp 4-23WE
Tray capacity	16 X 12F
Box size	430 x 350 x 110 mm
Weight	3200 g
IP rating	55
Adapter Capacity	48 pcs. duplex
Installation	Wall mounted
Type	In- & outdoor
UV resistance	ISO 4892/2
Flame resistance class	UL 94 V-0
IK resistance	07

Art. Number	27-190289
Trays included	0
Adapters included	0
Pigtails included	0

Art. Number	27-190290
Trays included	6X 12F Crimp
Adapters included	17X LC/APC Duplex
Pigtails included	34X LC/APC 3m

Art. Number	27-190300
Trays included	10X 12F Crimp
Adapters included	25X LC/APC Duplex
Pigtails included	50X LC/APC 3m

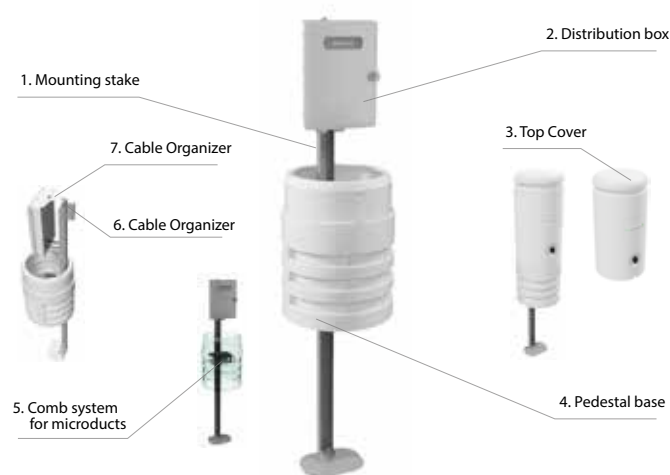
Art. Number	27-190310
Trays included	12X 12F Crimp
Adapters included	35X LC/APC Duplex
Pigtails included	70X LC/APC 3m

Art. Number	27-190320
Trays included	16X 12F Crimp
Adapters included	47X LC/APC Duplex
Pigtails included	94X LC/APC 3m

Street Cabinet for Microinfrastructure Distribution Cabinet FPT-SCØ



Model	FPT-SCØ
Art. Number	44-SCØ2884
Dimensions	WxH 280 x 835 mm
Cabinet material	HDPE UV



Light weight



Compact size



Long life

Designed specially for passive housing equipment. Pedestal features direct-bury base with a high rib design that do not require stake for installation. The directbury pedestal base allows a more uniform and secure installation and is less likely to lean or tilt.

An optional stake mounting part is available for joint trench or other special applications. A special cover security feature ensures that the pedestal locks properly without any special alignment.

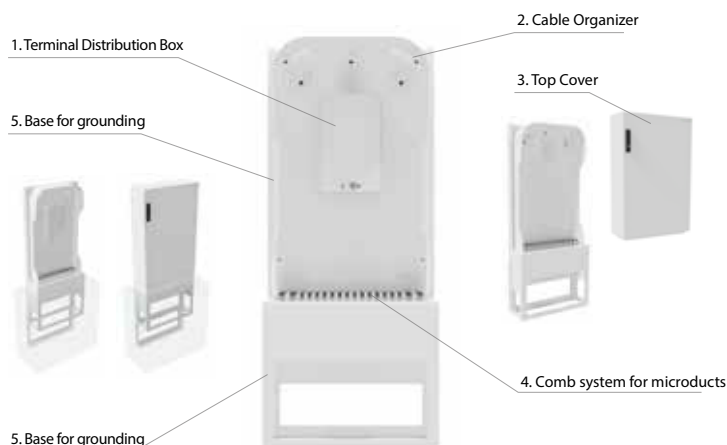
Features and Benefits :

- IP44 Class
- 1 - 24 splices
- ø288 mm round profile provides maximum workspace and bend radius for all cables and connectors
- Round pedestal maintains a consistent look in the field
- Constructed of durable, high-strength materials for maximum security and long life service
- Universal mounting bracket for passives facilitates installation standardization and reduces inventory
- Optional stake mounting part for joint trench or other special applications
- UV-resistant

Street Cabinet for Microinfrastructure Distribution Cabinet FPT-SCS



Model	FPT-SCS
Art. Number	44-SC854523
Dimensions	WxHxD 450 x 830 x 230 mm
Cabinet material	Aluminium



Excellent
mechanical
endurance



Compact size



Long life

Professional street cabinet used in FTTH projects. Excellent performance, flexible structure. For medium and large areas. Easy installation process.

SC854523 is an innovative solution that is the optimal balance between size, density and access. Optimal for cable protection. Comb system for easy planning, blowing and splicing documentation.

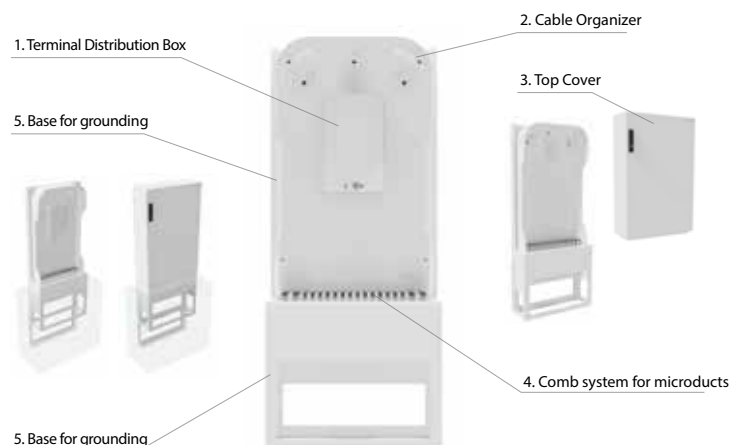
Features and Benefits :

- IP44 Class and IK10 Class
- Tested according to EN 50298:98
- 12-288 optical fibers
- Breakout possibility
- Organized ducts, Easy access
- Rubber sealings elements $\varnothing 2$ - $\varnothing 12$ mm
- Easy mounting in sections
- Made in Aluminium
- Different combinations
- Violence protected with different lock systems
- Standard cable size from $\varnothing 2$ - $\varnothing 12$ mm

Street Cabinet for Microinfrastructure Distribution Cabinet FPT-SCM



Model	FPT-SCM
Art. Number	44-SC906023
Dimensions	WxHxD 600 x 900 x 230 mm
Cabinet material	Aluminium



Light weight



Compact size



Long life

Professional street cabinet used in FTTH projects. Excellent performance, flexible structure. For medium and large areas. Easy installation process.

SC906023 is a slightly bigger solution for different conditions. Optimal for cable protection. Comb system for easy planning, blowing and splicing documentation.

Features and Benefits :

- IP44 Class and IK10 Class
- Tested according to EN 50298:98
- 12-576 optical fibers
- Breakout possibility
- Organized ducts, Easy access
- Rubber sealings elements $\varnothing 2 - \varnothing 12\text{mm}$
- Easy mounting in sections
- Made in Aluminium
- Different combinations
- Violence protected with different lock systems
- Standard cable size from $\varnothing 2 - \varnothing 12\text{mm}$

- 1 Comb solution for 44-SCØ2884. It is designed for easy mounting in the cabinet.
- 2 The comb slides into the notch then is attached simply with a bolt to the anchor.
- 3 Comb solution for 44-SC854523 / 44-906023. Fixed mounted in the back of the cabinet.
- 4 Possibility to attach and organize pipes for easier cable control up to splice equipment.
- 5 Comb solution for 44-SC854523 / 44-906023. Fixed mounted in the back of the cabinet.
- 6 Possibility to attach and organize pipes for easier cable control up to splice equipment



Name	FPT-SCØ			FPT-SCS			FPT-SCM		
Size in mm	Ø280 x 835			450 x 850 x 230			600 x 900 x 230		
Part Nr	44-SCØ2884			44-SC854523			44-SC906023		
Colour	Light grey			Light grey			Light grey		
Material	HDPE			Aluminium			Aluminium		
	Splitter Nr	Max. Splices		Splitter Nr	Max. Splices		Splitter Nr	Max. Splices	
		Shrink	Crimp		Shrink	Crimp		Shrink	Crimp
DW-1		12							
DW-2		4	4						
DW-2,5		12	12						
DW-3		24	24		24	24			
DW-4									
APL288					288	288		288	288
APL576								567	567

FPT Passive optical terminal box



Model	FPT DW-2
Art. Number	27-010.533
Fiber Tray Capacity	4 core
Protection grade	IP54
Box material	Polymer synthetic plastic
Weight	0.5 - 0.6 kg
Cable Diameter	< 12 mm
Installation Type	Outdoor/Indoor
Adapters	SC, LC

	Box size
Width	153 mm
Height	208 mm
Depth	52 mm

Professional terminal box used in FTTH projects. Excellent sealing , reusable. For outdoor & indoor installations.

Optimal for cable protection under 12mm Diameter. 1:2SC or 1:4LC micro-splitter is applicable, and it also can be installed with SC or LC double core adapters.


Maximum of LC adapter is 4 cores while 2 cores is the maximum for SC adapter.

Heatshrink spliceseams



Size in mm	Article Number	MOQ
1,0x 45	27-010.1605	100pcs

Crimp spliceseams



Size in mm	Article Number	MOQ
30x3x1,2	27-010.1614	150pcs

FPT Passive optical terminal box



Model	FPT DW-1
Art. Number	27-010.531
Fiber Tray Capacity	12 core
Protection grade	IP54
Box material	Polymer synthetic plastic
Weight	0.5 - 0.6 kg
Cable Diameter	< 12 mm
Installation Type	Outdoor/Indoor
Adapters	SC, LC

	Box size
Width	175 mm
Height	210 mm
Depth	50 mm

Professional terminal box used in FTTH projects. Excellent sealing , reusable. For outdoor & indoor installations.

Optimal for cable protection under 12mm Diameter. 1:2SC or 1:4LC micro-splitter is applicable, and it also can be installed with SC or LC double core adapters.


Maximum of LC adapter is 4 cores while 2 cores is the maximum for SC adapter.

Heatshrink splice seams



Size in mm	Article Number	MOQ
1,0x 45	27-010.1605	100pcs

Crimp splice seams



Size in mm	Article Number	MOQ
30x3x1,2	27-010.1614	150pcs

FPT Passive optical terminal box



Model	FPT DW-3
Art. Number	27-010.534
Fiber Tray Capacity	24 core
Protection grade	IP54
Box material	Polymer synthetic plastic
Weight	0.9 - 1.0 kg
Cable Diameter	< 12 mm
Installation Type	Outdoor/Indoor
Adapters	SC, LC

	Box size
Width	186 mm
Height	258 mm
Depth	61 mm

Professional terminal box used in FTTH projects. Excellent sealing, reusable. For outdoor & indoor installations.


Optimal for cable protection under 12mm Diameter. 1:8SC or 1:16LC micro-splitter is applicable, and it also can be installed with SC double cores or 4 cores LC adapters.

Maximum of LC adapter is 24 cores while 12 cores is the maximum for SC adapter.

Heatshrink splice seams

		
Size in mm	Article Number	MOQ
1,0x 45	27-010.1605	100pcs

Crimp splice seams

		
Size in mm	Article Number	MOQ
30x3x1,2	27-010.1614	150pcs

FPT Terminal distribution box



Professional terminal box used in FTTH projects.
For outdoor & indoor installations (wall-mounted, pole-mounted using different accessories).

Equipped with reliable fiber optic cable, soft cable fixed device. It is allowed to install the cassette optical splitter (1:4, 1:8, 1:16) and matched adapters.

Equipped with fiber splice protection and blade PLC splitter fixing devices.

Model	FPT-A48/B48
Art. Number	27-010.543
Fiber Tray Capacity	48 - 96 core
Protection grade	IP55
Box material	Polymer synthetic plastic
Weight	4.8 - 5.2kg
Cable Diameter	-
Installation Type	Outdoor/Indoor
Adapters	SC, LC


	Box size
Width	374 mm
Height	504 mm
Depth	134 mm

Heatshrink spliceseams



Size in mm	Article Number	MOQ
1,0x 45	27-010.1605	100pcs

Crimp spliceseams



Size in mm	Article Number	MOQ
30x3x1,2	27-010.1614	150pcs

FPT Terminal distribution box



Model	FPT DW-2.5
Art. Number	27-010.546
Fiber Tray Capacity	12
Protection grade	IP54
Box material	Polymer synthetic plastic
Weight	0.9 - 1.0 kg
Cable Diameter	< 10 mm
Installation Type	Outdoor/Indoor
Adapters	SC, LC, E2000

	Box size
Width	150 mm
Height	212 mm
Depth	53 mm

FPT-DW-2.5 - is a splice closure for a multi residential units. It terminates 12 fibers in a compact design with innovative sealing concept and fiber management solution.

Easy wall mounting and access protection accessories are included in the set.

The bottom plate offers enough place to store excess lengths of fiber. A clip-mounting for a PLC splitter and a Crimp-Splice-Holder for 12 splices are enclosed to the set.

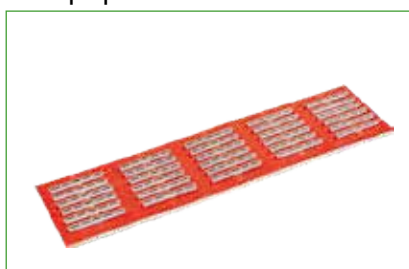
In the upper, mobile and removable fold-out-tray there can be placed up to 6 SC/E2000 or LC-Duplex-couplings. Therefore up to 12 fibers (LC) can be led out through connectors.

Heatshrink spliceseams



Size in mm	Article Number	MOQ
1,0x 45	27-010.1605	100pcs

Crimp spliceseams



Size in mm	Article Number	MOQ
30x3x1,2	27-010.1614	150pcs

FPT Terminal distribution box

FPT-DW-4 - is a splice closure for a larger number of residential units. It terminates 166 fibers in a compact design with innovative sealing concept and fiber management solution.

Easy wall mounting and access protection accessories are included in the set.

The bottom plate and the cassettes offer enough place to store excess lengths of fiber. Four clip mountings for PLC-Splitter and two 12x crimp-splice-holder are enclosed to the set.

The 2 x 6 splice cassettes can be removed and have space for up to 144 splices as well as unused fiber excess lengths.

Up to 2x 12 SC/E2000 or LC-duplex-couplings can be placed in the removable flap-holder. Therefore up to 48 patchcords (LC) can be connected.



Model	FPT-DW-4
Art. Number	27-010.547
Fiber Tray Capacity	166
Protection grade	IP54
Box material	Polymer synthetic plastic
Weight	-
Cable Diameter	< 13mm
Installation Type	Outdoor/Indoor
Adapters	SC, LC, E2000

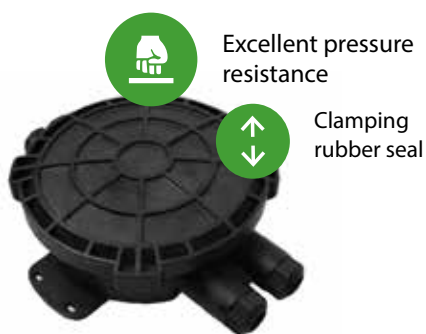
	Box size
Width	209 mm
Height	341 mm
Depth	91mm

Crimp splice seams



Size in mm	Article Number	MOQ
30x3x1,2	27-010.1614	150pcs

FPT Splice closure



Model	FPT - 9401
Fiber Tray Capacity	-
Protection grade	IP68
Box material	modified polymer plastic
Weight	2.1 - 2.3 kg
Cable Diameter	under 18 mm
Installation Type	Outdoor
Adapters	SC, LC, E2000

	Box size
Width	295 mm
Height	220 mm
Depth	90 mm

Professional Splice closure used in FTTx projects. Used for outdoor installations (Manhole, Wall/ Pole-mounted)

Easy to use and install, provides security for fiber optic connections. Resistant to pressure, twisting and crushing. Suitable for usage with the various optical cables. Excellent sealing performance and compact appearance.

Can be equipped with a powerful RFID card used for tagging underground cable or pipe infrastructures, manholes, access points and more.

Turtlebox



Size	Article Number	Splices
24	27-001.62	Heatshrink
24	27-001.62.08	Crimp

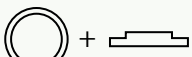

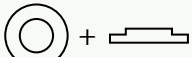

Turtlebox empty



Size in mm	Article Number
-	27-001.62.07

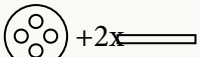

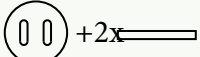

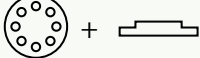

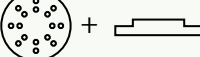



Standard Sealings

Round Seals	Seal gasket parts	Cable size
14#X2 PCS.	 + 	ø 12 - 17,5 mm
41#X2 PCS.	 + 	ø 8 - 12,0 mm

Oval Seals	Seal gasket parts	Cable size
40#X1 PCS.		ø 10- 16,0 mm

Optional Sealings

Round Seals	Seal gasket parts	Cable size
20#	 + 2x 	4 x(ø 5-7 mm)
36#	 + 2x 	2 x(4,5*8,2 mm)
18#	 + 	8 x(ø 3-5 mm)
19#	 + 	8 x 8 figure soft ø5 mm

Oval Seals	Seal gasket parts	Cable size
74#		ø 6 - 8 mm

Heatshrink splice seams



Size in mm	Article Number	MOQ
1,0x 45	27-010.1605	100pcs

Crimp splice seams



Size in mm	Article Number	MOQ
30x3x1,2	27-010.1614	150pcs

Fiber Distribution Closures(FDC) Dome Base Type



Name	FPT-AA			FPT-AB			FPT-AC			FPT-ABT		
Size	Ø300 x h380			Ø300 x h505			Ø300 x h630			Ø300 x h505		
Part Nr	43-17.190.500-737			43-17.190.500-738			43-17.190.500-828			43-17.190.500-973		
Tray Pack	6			14			20			4		
	Splitter Nr	Max. Splices		Splitter Nr	Max. Splices		Splitter Nr	Max. Splices		Splitter Nr	Max. Splices	
		Shrink	Crimp		Shrink	Crimp		Shrink	Crimp		Shrink	Crimp
STP6-24M			432			1008			1440			288
STP3-PLC	36		288	84		673	120		960	24		192
STP6-8S		288			672			960			192	
STP3-24S		432			1008			1440			288	
STP6-12S		432			1008			1440			288	

Fiber Distribution Closures(FDC) Compact Base Type



Name	FPT-CAA			FPT-CAB		
Size	150 x 240 x 320 mm			150 x 240 x 390 mm		
Part Nr	43-17.190.500-A67			43-17.190.500-A68		
Tray Pack	2			4		
	Splitter Nr	Max. Splices		Splitter Nr	Max. Splices	
		Shrink	Crimp		Shrink	Crimp
STP6-24M			144			288
STP3-PLC	12		96	24		192
STP6-8S		96			192	
STP3-24S		144			288	
STP6-12S		144			288	

Suitable for outdoor use with wall and pole mounting kits, it can support PLC splitter installation as well. UV resistant, RoHS compliant and IP68 certified solution.



Mechanical cold seals

Oval, round ports compatibility - all FPT-AA/AB/AC/ABT and FPT-CAA /CAB closures.






	Seal Type	Number of ports	Sealing Range	Product Number
Oval cold seal 2x		2x16 mm Ports	Cable Ø 5-16 mm	43-17.750.500-633
Oval cold seal 2x		2x20 mm Ports	Cable Ø 7-20 mm	43-17.750.500-A19
Oval cold seal 4x		4x10 mm Ports	Cable Ø 5-10 mm	43-17.750.500-A21
Round cold seal 1x		1x16 mm Port	Cable Ø 10-16 mm	43-17.750.500-862
Round cold seal 1x		1x20 mm Port	Cable Ø 16-20 mm	43-17.750.500-A20
Round cold seal 2x		2x12 mm Ports	Cable Ø 8-12 mm	43-17.750.500-861
Round cold seal 4x		4x8 mm Ports	Cable Ø 5-8 mm	43-17.750.500-634
Round cold seal 4x		4x10 mm Ports	Cable Ø 6-10 mm	43-17.190.500-A00
Round cold seal 8x		8x7 mm Ports	Cable Ø 3-7 mm	43-17.750.500-762
Round cold seal 12x		12x4 mm Ports	Cable Ø 0-4 mm	43-17.750.500-A07

Heatshrink seals


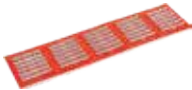
Oval, round ports compatibility - all FPT-AA/AB/AC/ABT and FPT-CAA /CAB closures.

	Seal Type	Product Number
Oval port heatshrink seal		43-17.750.500-789
Round port heatshrink seal		43-17.750.500-770




Splice Tray Packs (STP)

	Seal Type	Splice Capacity	Fiber Compatibility	Product Number
Splice tray Pack STP6-24M		CRIMP/ANT 72 Splices	Fiber compatibility G.652 and G.657. Fiber 250 µm storage length x splice side: <0,75m	43-17.150.500-700
Splice tray Pack STP3-PLC		CRIMP/ANT 6 PLC with 48 splices	Fiber compatibility G.652 and G.657 Fiber 250 µm storage length x splice side: <1,2m	43-17.150.500-701
Splice tray Pack STP3-24S		SHRINK 72 splices	Fiber compatibility G.652 and G.657 Fiber 250 µm storage length x splice side: <2m	43-17.150.500-703
Splice tray Pack STP6-12S		SHRINK 72 splices	Fiber compatibility G.652 and G.657 Fiber 250 µm storage length x splice side: <1,5m	43-17.190.500-A18
Splice tray Pack STP6-8S		SHRINK 48 splices	Fiber compatibility G.652 and G.657 Fiber 250 µm storage length x splice side: <2m	43-17.150.500-702

Spliceseams

	Spliceseam Type	Size and Details	Product Number
Heatshrink spliceseams		1,0x 45,0 mm 100pcs / bag	27-010.1605
Crimp spliceseams		30,0x3,0x1,2 mm 150pcs / bag	27-010.1614

Mounting kits

	Kit Type	Compatibility	Product Number
Pole mounting bracket		FPT-AX models	43-17.150.500-826
Wallmounting Kit FPT-AX dome		FPT-AX models	43-17.150.500-654
Wall mounting Kit FPT-CAX compact		FPT-CAX models	43-17.150.500-C25

Racksystem Patchmodul Type 1 - Set



Model	Patchmodul Type 1
Art.Nr.	43-0903.01
Dimensions WxHxD	900x2174x300 mm
Cabinet material	painted Steel
Weight Racksystem	51,48 kg
Weight Set	172.08 kg
Standards	EIA/IEC/DIN
Colour	light grey

Racksystem Patchmodul Type 1 is provided with XODF Rack and other steel parts in light grey 7035 RAL colour.

FPT Rack height can be adjusted via four foot mountings in the bottom. Additional racks can be added on the sides or on the backside. Cable entrance is on the top/bottom of both sides or on the top/bottom of the Racksystem.

Racksystem is provided with 32 Pcs. Patch Panels 72 splices each that allows total of 2304 splices.

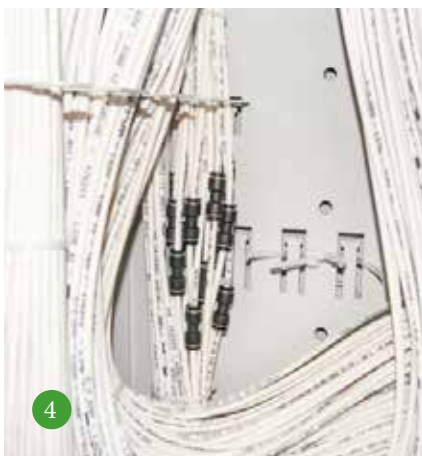
Optimal for cable protection.

Comb system for easy splicing documentation.

Standards

- EIA-310-E
- IEC297-2
- DIN41491 PART 1
- DIN41494 PART 7
- GB/T3047.2-92 standard
- compatible with ETSI standard

Racksystem Patchmodul Type 1 - overview

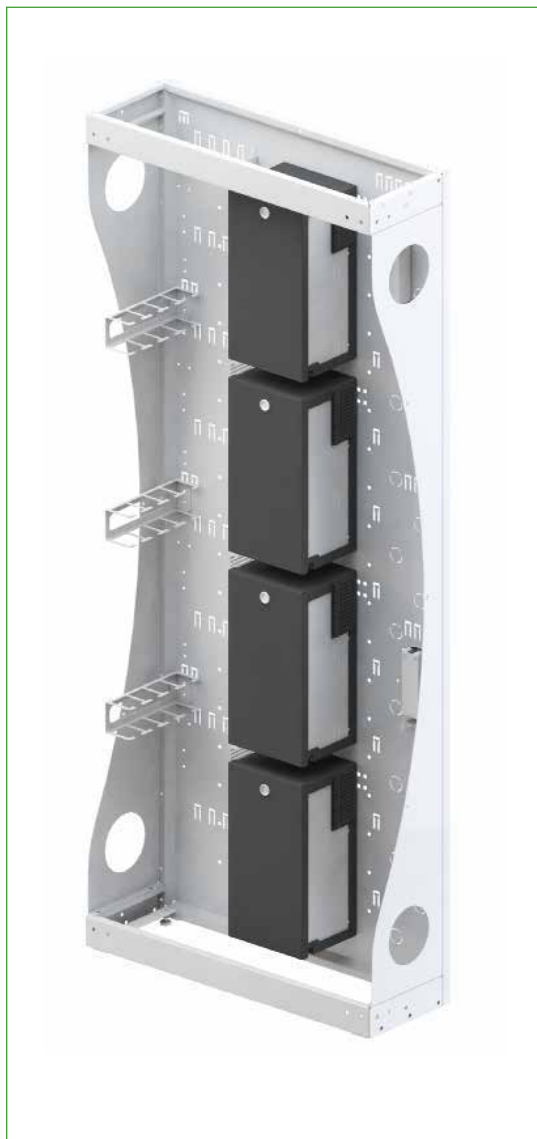


Features and Benefits

- Multifunctional use in the FTTx and data center areas
- Front access for easy patching
- Adjustable height
- Additional racks can be added on the sides or back to back
- Patch Cable Management
- 32 Pcs. Patch Panels 72 splices each
- Total 2304 splices
- Cable entrance top/bottom both sides
- Small series on customers demand

- 1 Patch moduls are designed as a flexible and modular system with high fiber density. Ready for splicing.
- 2 A high patch panels density with intelligent cable management. It provides fast, intuitive and easy deployment.
- 3 Patch cable overlength can be layed down over Cable Managment Set Elements.
- 4 Comb system as a part of the cable managment system (CMS)

Racksystem Splicebox Type 2 - Set



Model	Patchmodul Type 2
Art.Nr.	43-0903.02
Dimensions WxHxD	900x2174x300 mm
Cabinet material	painted Steel
Weight Racksystem	51,48 kg
Weight Set	74.32 kg
Standards	EIA/IEC/DIN
Colour	light grey

Racksystem Splicebox Type 2 is provided with XODF Rack and other steel parts in light grey 7035 RAL colour.

FPT Rack height can be adjusted via four foot mountings in the bottom. Additional racks can be added on the sides or on the backside. Cable entrance is on the top/bottom of both sides or on the top/bottom of the Racksystem.

Racksystem is provided with 4 Pcs. Spliceboxes 288 splices each that allows total of 1152 splices.

Optimal for cable protection.

Comb system for easy splicing documentation.

System elements

- XODF Rack 1x
- Backside CMS Panel 1x
- Splicebox 288 splices 4x
- Splicebox Comb set 4x
- Comb system set 3x
- Cable organizer 2x

Racksystem Splicebox Type 2 - overview



Features and Benefits

- Multifunctional use in the FTTx and data center areas
- Front access for easy patching
- Adjustable height
- Additional racks can be added on the sides or back to back
- Cable Management
- 4 Pcs. Spliceboxes 288 splices each
- Total 1152 splices
- Cable entrance top/bottom both sides
- Small series on customers demand

- 1 Racksystem Splicebox Type 2 is provided with 4 Spliceboxes - splice capacity 288 splices each.
- 2 Intelligent cable management provides fast, intuitive and easy deployment.
- 3 Comb system as a part of the cable management system (CMS)
- 4 Splice Cassettes organizer

FPT Nanoflow

High Performance

FPT Cable blowing machine for FTTH Fibers (EPFU) and micro cables up to 4.5 mm. Tested in accordance to IEC standards.

Adjustable clamping force secures grip around cable/fiber during installation.

Easy to open and close by hand with quick load of fiber and duct. Adjustable speed and torque. Battery-powered (independent of 110V/230V). Showing speed, distance, fiber protection and battery information.

If the maximum recommended load on the fiber exceeds the preset torque, the machine stops the blowing process immediately without damaging the fiber.

Features

- Adjustable clamping force
- Tool free installation
- LED display
- Unique fiber protection technology



Model	FPT Kat Mini
Article Number	70-101-190911001
Tube Size (OD)	3-12.7 mm
Fiber/Cable Ø	0.8-4.5 mm
Install Speed to	125 m/min
Distance	1.2 km
RCMD Airflow	200 - 500 l/min
RCMD Pressure	max 10 bar

	Machine
Length	212 mm
Width	104 mm
Height	139 mm
Weight	2.8 kg

FPT MicroFlow Touch



Model	FPT MicroFlow
Article Number	70-101-10051
Tube Size (OD)	5-16 mm
Max. Pushing Force	95 kg
Install Speed to	100 m/min
Distance	Up to 2.5 km
RCMD Airflow	200 - 500 l/min
RCMD Pressure	8 - 16 bar
Fiber/Cable Ø	0,8-5,5 mm

	Machine	Control Box
Length	250 mm	250 mm
Width	150 mm	160 mm
Height	220 mm	130 mm
Weight	9,7 kg	1,9 kg

Control unit

FPT Microflow's control unit has a user friendly touch display, which can be used to make a number of different adjustments:

- Adjustment of maximum motor torque
- Adjustment of maximum speed
- Presetting of counter with automatic stop after a certain blowing distance
- Acceleration - from start to maximum speed
- Deceleration - from maximum speed to stop
- The display shows different information during blowing, for instance: Meter count, Actual speed and Actual torque

Protection technology

- Unique protection technology that stops the machine if the fiber cable meets an obstacle.
- Unique protection technology that stops the machine if the motor exceeds the preset maximum torque level.

In both cases the machine stops immediately so the fiber cable does not get damaged. After the protection technology has stopped the machine, it will automatically start up again. It will try 3 times total to get through the obstacle, if it still has not succeeded it will come to a full stop.

The blowing process

- The machine is placed on a stable surface and the fiber cable is placed in the machine.
- The duct, in which the fiber cable is to be blown, is placed in the machine .
- The pulling wheels are adjusted.
- With the control unit the torque level, speed and blowing distance can be adjusted.
- Press the start button to start the machine, and after 10-20 m the air is turned on.
- The cable blowing is now automatic and can be stopped either manually by pressing the stop button or automatically when the preset blowing distance has been reached.

FPT MicroFlow Log

Compatible with OptiCloud

Access to OptiCloud data gives you: Job documentation, utilization data (how the machine is utilized and data to improve it), maintenance and service recommendation. The LOG template can be individually adapted to the specific job.

Equipped with protection technology

The unique well-known protection technology that stops the machine if the fiber cable meets resistance. Any stop is registered by a sensor and the motor stops.

Verification of blowing quality

Each job will end with a full report that ensures that the quality is 100% documented. This will minimize the risk of costly errors.

Adjustable torque and speed control

Accessories

- Adaptor plate set : You can choose between adaptor plates for fiber sizes 0.8-6.5 mm.
- Gasket sets : You can choose between gasket sets for adaptor plates 0.8-6.5 mm.



Model	FPT MicroFlow Log
Article Number	70-101-171001001
Tube Size (OD)	5-16 mm
Max. Pushing Force	95 kg
Install Speed to	90 m/min
Distance	Up to 2.5 km
RCMD Airflow	200 - 500 l/min
RCMD Pressure	8 - 16 bar
Fiber/Cable Ø	0,8-5,5 mm

	Machine
Length	250/240 mm
Width	150/250 mm
Height	220/80 mm
Weight	13.5 kg

FPT Kat Micro



Model	FPT Kat Micro
Article Number	70-78252
Tube Size (OD)	7-20 mm
Max. Pushing Force	180 N
Install Speed to	100 m/min
Distance	2.5 km
Fiber/Cable Ø	3-8 mm
RCMD Pressure	7 bar

	Machine
Length	330 mm
Width	220 mm
Height	280 mm
Weight	7 kg

High Performance

FPT Kat Micro has a user friendly design, that makes for easy operation. The machine is designed with the main focus on functionality that includes:

The cable blowing machine type FPT-KAT Micro may be used for the installation of sensitive micro-cables into micro-duct in just one procedure using compressed air.

During the blow-in operation the micro-cable is passing the cabling caterpillar. The integrated compressed-air connector consists of a two-piece aluminium casing.

Split sealing washers hermetically surround the cable to be blown-in.

The cable is driven forward by the air supplied from a suitable compressor. Air regulation is done by a valve which is integrated into the machine.

Two drive belts guarantee an excellent closed linkage to the cable. The upper belt can manually be moved up and down.

The aluminium-frame construction of the caterpillar guarantees stability, long operating life and light weight.

Accessories

- All of our machines are delivered with aluminium carrying case
- Sealing kit for cable diameters of 3-8 mm and external duct diameters of 10 mm
- Compressed air hose 10 m

All You need is air

FPT-KAT Mini

High Performance

The cable blowing machine type FPT-KAT Mini may be used for the installation of sensitive micro-cables into microducts in just one procedure using compressed air.

During the blow-in operation the micro-cable is passing the cabling caterpillar. The integrated compressed-air connector consists of a two-piece aluminium casing.

Split sealing washers hermetically surround the cable to be blown-in.

The cable is driven forward by the air supplied from a suitable compressor. Air regulation is done by a valve which is integrated into the machine.

Two drive belts guarantee an excellent closed linkage to the cable. The upper belt can manually be moved up and down.

The electronic measuring device displays the blown-in cable length as well as the cable speed during blowing work.

The aluminium-frame construction of the caterpillar guarantees stability, long operating life and light weight.

Accessories

- All of our machines are delivered with aluminium transport box / working platform
- Electronic speed/meter counter
- Adapter for cable OD 3-12mm
- Adapter for duct OD 10-12-14-16-20 mm
- Sparebelt
- Gaskets set for fiber cable 3-12mm / duct 10-20 mm
- 10 meter 3/4" air hose with claw couplers

All You need is air



Model	FPT Kat Mini
Article Number	70-77955
Tube Size (OD)	7-20 mm
Max. Pushing Force	40 kg/400 N
Install Speed to	140 m/min
Distance	3.5 km
RCMD Airflow	500 - 10000 l/min
RCMD Pressure	max 7 bar
Fiber/Cable Ø	3-12 mm

	Machine
Length	540 mm
Width	240 mm
Height	290 mm
Weight	12 kg

FPT-KAT Mini Log Box



Model	FPT Kat Mini Log Box
Article Number	70-77995
Tube Size (OD)	7-20 mm
Max. Pushing Force	40 kg/400 N
Install Speed to	140 m/min
Distance	3.5 km
RCMD Airflow	500 - 10000 l/min
RCMD Pressure	max 7 bar
Fiber/Cable Ø	3-12 mm

	Machine
Length	540 mm
Width	240 mm
Height	290 mm
Weight	15 kg

High Performance

Through the electronic measure system is the FPT-KAT Mini Log Box innovation on the fiber blowing equipment market and is listed as approved by Deutsche Telekom. All relevant data are automatically recorded and output as PDF in the USB port for data transfer.

Features

1. Jetting data logging

- Jetting length, cable speed
- Engine pressure
- Push force on the cable
- Air pressure in the duct
- Environmental data (GPS, temperature, etc.)

2. Frame parameter preselection

- Duct, cable information
- Construction project, section
- Compressor, etc.

3. Diagram Live View

Accessories

- All of our machines are delivered with aluminium transport box / working platform
- Adapter for cable OD 3-12mm
- Adapter for duct OD 10-12-14-16-20 mm
- Sparebelt
- Gaskets set for fiber cable 3-12mm / duct 10-20 mm
- 10 meter 3/4" airhose with claw couplers

All You need is air

FPT MultiFlow

User friendly design

FPT MultiFlow has a user friendly design, which makes the machine easy to operate. The machine is designed with main focus on functionality that makes cable blowing is easy.

Efficient cable blowing

FPT MultiFlow is a very efficient cable blowing machine. It can blow cables with a speed up to 80 m/min. It is possible to blow distances up to 10 km.

Cable blowing using either air or water

With FPT MultiFlow it is possible to install fiber optic cables using either air or water. With water assisted cable blowing you can achieve optimal results, especially when installing larger cables or blowing long distances.

Robust construction

FPT MultiFlow is constructed in a way that it is robust and can withstand being used as the special conditions there sometimes are at a cable blowing location are taken into account.

Flexibility

Fiber MultiFlow is very flexible as the machine can be quickly changed to blow different sizes and numbers of micro ducts. There are many different sizes and combinations available to fit the different dimensions needed in a specific situation.

The following equipment is needed to run:

- Hydraulic pump + control valve.
- High pressure compressor + hoses.

We offer all accessories on request.

Full training - theory and practice - is always provided.



Model	FPT MultiFlow
Article Number	70-101-40002
Tube Size (OD)	18-70 mm
Max. Pushing Force	200 kg
Install Speed to	80 m/min
Distance	Up to 10 km*
RCMD Airflow	8000-12000 l/min
RCMD Pressure	8-12 bar
Fiber/Cable Ø	8-32 mm

	Machine
Length	700 mm
Width	230 mm
Height	350 mm
Weight	40 kg

32mm	40mm	50mm	MICRODUCT RELINER
5x	8x	12x	7 / 5,5 mm
3x	5x	7x	10 / 8 mm
-	3x	5x	12 / 8 mm
-	-	4x	14 / 11,5 mm

Jetting machine accessories

Adaptor for air Claw - cejn



Size in mm	Article Number	MOQ
-	70-103-30154	1

Pressure reducer 0,5 -16 bar



Size in mm	Article Number	MOQ
-	70-101-30122	1

Water separator Cejn Couplings



Size in mm	Article Number	MOQ
-	70-99904	1

Tips for fiber cable



Size in mm	Article Number	MOQ
1,2 -14	70-103-KXX	set

3/4" flat hose 10 mtr. w. claw couplings



Size	Article Number	MOQ
10 m	70-101-30510	1

10 mtr. soft hose w. Cejn



Size	Article Number	MOQ
10 m	70-101-30155	1

Blow back valve



Size in mm	Article Number	MOQ
-	70-99901	1

Product description

- Pressure test equipment 0,5 -10 bar
- Used to blow back the cable

Duct adaptors for back valve



Size in mm	Article Number	MOQ
5,0 -20,0	70-99902	1

Product description

- Duct adaptors for blow back valve – pressure test equipment.
- Sizes from 5 – 20 mm.

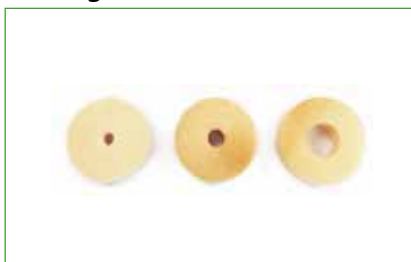
Jetting machine accessories

Drive Belts for FPT-KAT Mini



Grooves	Article Number
without grooves	70-79-77610
grooves 3-6 mm	70-79-77071
grooves 10 mm	70-79-76895

Sealing for FPT-KAT Mini



Size in mm	Article Number	MOQ
2,5 -20	70-79-0XXX	set

Microflow Adaptor Plate Kits 1,5x5 to 6,8x16mm



Size in mm	Article Number	MOQ
-	70-103-1XXXXX	set

Gaskets for FPT Microflow 0,8x5 to 6,5x16mm



Size in mm	Article Number	MOQ
-	70-103-1307XXXXX	set

Nanoflow Adaptor Plate Kits 1,0 - 4,8mm



Size	Article Number	MOQ
-	70-103-160XXXXXX	1

Nanoflow Duct Adaptor 3,0 - 12,7mm



Size	Article Number	MOQ
-	70-103-1XXXXXX	1

Quality control system

Compact Receiver



The FPT Compact Receiver is an affordable and easy-to-use wire, cable, and duct sonde locator. For indoor and outdoor use.

Outdoors the FPT Compact Receiver can be used to trace and pinpoint underground cables and sondes in several meter's depth.

The FPT Compact Receiver has a simple user interface with only two buttons for power on/off, 7-step gain adjustment and change of receiving frequency, 13 LED lights and a build in speaker. The probe is easy to disconnect making it perfect for carrying in a pocket. Supports 33 kHz and 10 kHz, and 512 kHz sondes.

Key features

- Stainless steel and aluminum
- Dimensions: 336 x Ø46 mm
- Weight: 320g (with probe and 3 x AAA batteries).

Carrying case with plenty of space for accessories, such as sondes and additional probes.

Transmitters

Micro duct transmitters specially developed, used for calibrating and quality control of the micro duct, trackable for locating blockages other issues, before jetting fiber cables into the ducts. Remember to use the FPT safety catch on the duct end for your safety.

Nano transmitter



Key features

- Length 94 mm
- Max. air pressure 6 bar
- Min. inside diameter of duct 6 mm
- Battery operating time 20°C - 9 h

Transmitters

Micro transmitter 33kHz

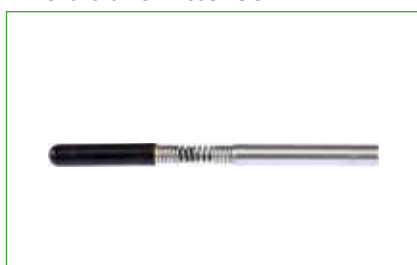


Size	Article Number	MOQ
6,4mm	70-102-6,4	1

Key features

- Length 84 mm
- Max. air pressure 6 bar
- Min. diameter of duct 8 mm
- Battery operating time 20°C - 10 h

Micro transmitter 33kHz

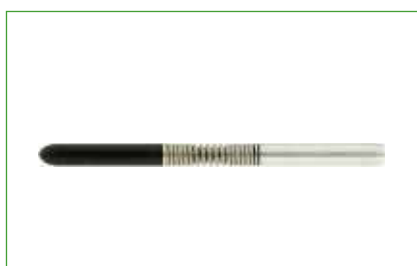


Size	Article Number	MOQ
7,0mm	70-102-7	1

Key features

- Length 114 mm
- Max. air pressure 6 bar
- Min. diameter of duct 10 mm
- Battery operating time 20°C - 9 h

Mini transmitter 33kHz



Size	Article Number	MOQ
9,0mm	70-102-9	1

Key features

- Length 138 mm
- Max. air pressure 6 bar
- Min. diameter of duct 12 mm
- Battery operating time 20°C - 10 h

PL18 transmitter 33kHz



Size	Article Number	MOQ
18,0mm	70-102-18	1

Key features

- Length 85 mm
- Max. air pressure 10 bar
- Min. diameter of duct 21 mm
- Battery operating time 20°C - 20 h

Transmitters

Shock absorbers



Size	Article Number	MOQ
-	70-102-XXX	1

Description

- FPT shock absorbers absorb excessive kinetic energy and reduce the risk of the probe breaking if the probe hits an obstacle while jetting. Therefore, it is recommended to use a shock absorber whenever possible.

Transmitter sonde batteries



Size in mm	Article Number	MOQ
4,6 & 6,4	70-102-6bat	10
7,0 & 9,0	70-102-9bat	10
18	70-102-18bat	1

Calibration head 12 mm



Size in mm	Article Number	MOQ
12	70-310717.12	1

Calibration heads 22-30 mm



Size in mm	Article Number	MOQ
22-30	79-310717.size	1

Silicone sealings 28-42 mm



Size in mm	Article Number	MOQ
28-42	70-102-KA1079-XX	1

FPT Lubric Pipe 25-60mm


Size	Article Number	MOQ
500ml	70-LUBRIC/PIPE 0,5	12
25l	70-LUBRIC/PIPE 25	1

FPT Lubric Super S5000
FPT Lubric Super W5000 Winter


Size	Article Number	MOQ
500ml	70-LUBRIC S5000 0,5	15
25l	70-LUBRIC S5000 25	1
500ml	70-LUBRIC W5000 0,5	15
25l	70-LUBRIC W5000 25	1

FPT Lubric Green Water


Size	Article Number	MOQ
25l	70-Lubric Green 25	1

Water based

A special water based lubricant for fiber optical installations. LUBRIC allows to prelube the pipe or cable before/during the blowing procedure.

It adheres perfectly to the cable or internal pipe surface and leaves a very tiny film. Lubric protects cables against dirt and retains its lubricating power even when water is present.

LUBRIC reduces surface friction and increases the blowing distance. Due to it's consistency, fluidity and low evaporation rate, LUBRIC is recommended for all cable/pipe installations.

Materials

Water emulsion of different kind of polymers

Technical Specification:

- Green liquid
- None odour
- Viscosity 120 sec. Ford cup diam. mm 4 at 20°C
- Mass Density 1,030 (+/-) 0,03 gr/cm³
- PH 7,5 (+/-) 0,5
- Non Inflammable
- Temperature -5°C to +70°
- Temperature Lubric Super5000Winter : -10°C to +70° C
- Temperature Lubric Super5000 : 0°C to +70° C
- Biodegradable
- Non-toxic

Suggested quantities

- 5 ml x 1000 m for internal Ø 4 mm
- 10 ml x 1000 m for internal Ø 8 mm
- 15 ml x 1000 m for internal Ø 12 mm
- 20 ml x 1000 m for internal Ø 14 mm
- 25 ml x 1000 m for internal Ø 16 mm
- 35 ml x 1000 m for internal Ø 20 mm
- 60 ml x 1000 m for internal Ø 25-30 mm
- 70 ml x 1000 m for internal Ø 30-40 mm
- 80 ml x 1000 m for internal Ø 40-60 mm

Rolling rack for cable



Model	FPT Drum Rack
Art.Nr.	79-140918-99
Min.Ext.Dimensions	740x670x610 mm
Max.Ext.Dimensions	1040x1000x610 mm
Weight (whole set)	39 kg
Weight (frame)	35 kg
Rack material	Galvanized steel
Axles	Aluminium

Danish-made, high quality, adjustable, rolling rack designed for use with both small and medium fiber drums.

Smart design makes it possible to adjust the width of the stand, so it is ideal for use in the car.

Set Components

- Flexible steel frame (galvanized steel)
- H & V lifting towers with hand crank (galvanized steel)
- 4 x ball bearings (galvanized steel)
- 2 x axle cones (aluminum)
- 1 x standard axle L = 1040 mm (aluminum)
- 1 x short axle L = 740 mm (aluminum)
- 1 x allen key (6 mm)
- 2 x pre-mounted spirit levels
- 4 x quick release pins

Additional Components

- Drumrack lock
- 1 x long axle L = 1240 mm (aluminum)
- 2 x axle cones Ø 90-109 mm (aluminum)
- Drumrack I-brake

Features

- Max. load 500 kg
- Drum diameters Ø 400-1250 mm
- Drum width 200-800 mm
- Drum hole diameter Ø 60-89 mm

Drumrack Cones Set



Drumrack lock (L+R Set)



Features

Fiberpowertech Drumrack-Lock set is a direct fit to the Fiberpowertech Drumrack, easy to use coil/spring-mechanism lets you secure the drumrack with ease.

Only sold as a set, left + right.

Drumrack Long Axle



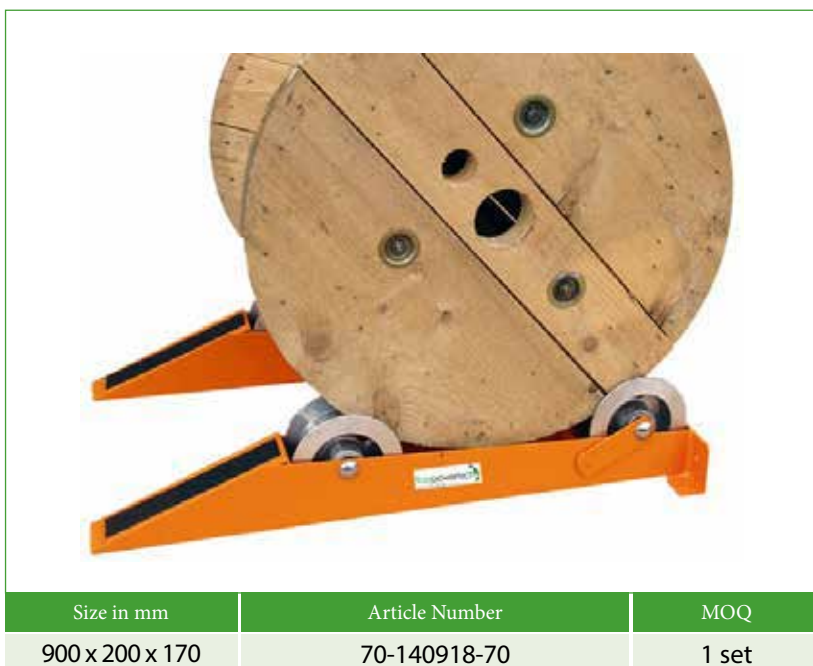
Drumrack I-Brake



Features

Fiberpowertech Drumrack I-Break set is a direct fit to the Fiberpowertech Drumrack, allows to control the speed of uncoiling the drum and blocking it.

Drumrack - cableducts



Features

Adaptation to different drum diam. by changing the position of the rear rollers. Stable aluminium rollers with ball bearings for drum flanges of 55 mm width. Braking device (available as accessory)

Load : 1000 kg
Drum diameter : 300 - 1600 mm
Weight : 20,6 kg (set)

Rolling rack for cable



Danish-made, high quality, adjustable, rolling rack designed for use with both medium and large fiber drums. Easy to assemble and disassemble.

Set Components

- 1x Frame (Left + Right)
- 2x Cones (Left + Right)
- 1x Axle 1100mm
- 1x Axle-end W.Bearings (Left + Right)

Additional Components

- Crossbar w. push-pins
- Brake Set
- 700mm Axle
- 1200mm Axle

Features

- Max. load 1000 kg
- Drum diameters Ø 600-1250 mm
- Drum width 200-900 mm
- Drum hole diameter Ø 68-110 mm

Model	FPT PRO Drum Rack
Art.Nr.	79-021120-0099
Dimensions L + R	310x860x180 mm
Drum Size OD	Ø 600-1250 mm
Weight L + R	13 kg
Max. Load	1000 kg
Rack material	Galvanized steel
Axles	Aluminium

FPT PRO Brake Set



Size in mm	Article Number	MOQ
-	79-161120-0010	1

Features

Complete brake set with hydraulic 4-Piston brake caliber, brake handle, mount and tripod.

Cable length 5 meters.

Axle-Ends L+R



Size in mm	Article Number	MOQ
-	79-161120-0008	L+R

Features

Complete set with ball bearings.

Drumrack Axles



Size in mm	Article Number	MOQ
700-1200	79-161120-3013	1

Features

Fiberpowertech Drumrack Axles together with Cones set allow to handle bigger drum sizes.

Drumrack Cones Set



Size in mm	Article Number	MOQ
-	79-161120-0009	L+R

Crossbar with push-pins



Size in mm	Article Number	MOQ
-	79-161120-0011	1

DrumRack Mini for cable drums



Ex. wheels!

Model	DrumRack Mini
Art.Nr.	79-240621-0020
Rack material	Galv. steel
Max.Ext.Dimensions	650x450x945 mm
Weight (whole set)	12,5 kg
Drum size max.	600 mm
Axle	Steel

FPT DrumRack Mini for micro fiber cable drums.
Provided with cones and ball bearings for the best results.
Light weight construction, easy to transport.

Set Components

- Flexible steel frame (galvanized steel)
- Provided with cones and ball bearings

Features

- Max. load 100 kg
- Drum width max. 440 mm (+80mm optional)
- Drum size max. Ø 600 mm
- Drum center Ø min/max 40-90 mm
- Weight 12,5



+ 80mm

Model	DrumRack Mini, Long axle kit
Art.Nr.	79-240621-0025
Material	Galv. steel



Model	DrumRack Mini, wheel kit
Art.Nr.	79-240621-1000
Dimension	Ø100 mm



FPT Portable Air Compressor

High pressure compressors specially developed for blowing in fiber cables.

Future-oriented and environmentally friendly "Low Emission Zone MOBILAIR" gives you minimum values of harmful substances according to the European IIIB Exhaust Gas Standard 2021.

Model	M17	M27	M122	M125
Article Number	70-101-30118	70-101-30131	70-105-122	70-101-30051
Flow Rate	1.0 m ³ / 35 cfm	2.6 m ³ / 92 cfm	11.1 m ³ / 390 cfm	11.5 m ³ / 405 cfm
Max. Pressure	15 bar/215 psi	14 bar/200 psi	14 bar/200 psi	14 bar/200 psi
Engine	Petrol	Diesel	Diesel	Diesel
Fuel	20 L	40 L	170 L	170 L
Power	15.5 kW	17.9 kW	83 kW	105 kW
Weight	204 kg	575 kg	1865 kg	2080 kg
Towable	-	X	X	X



Model	I.COMP 3
Article Number	70-101-30116
Flow Rate	160 l/min. (6 bar)
Max. Pressure	11 bar/160 psi
Engine	Electric
Fuel	230 V
Power	1.5 kW
Weight	25 kg
Towable	-

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