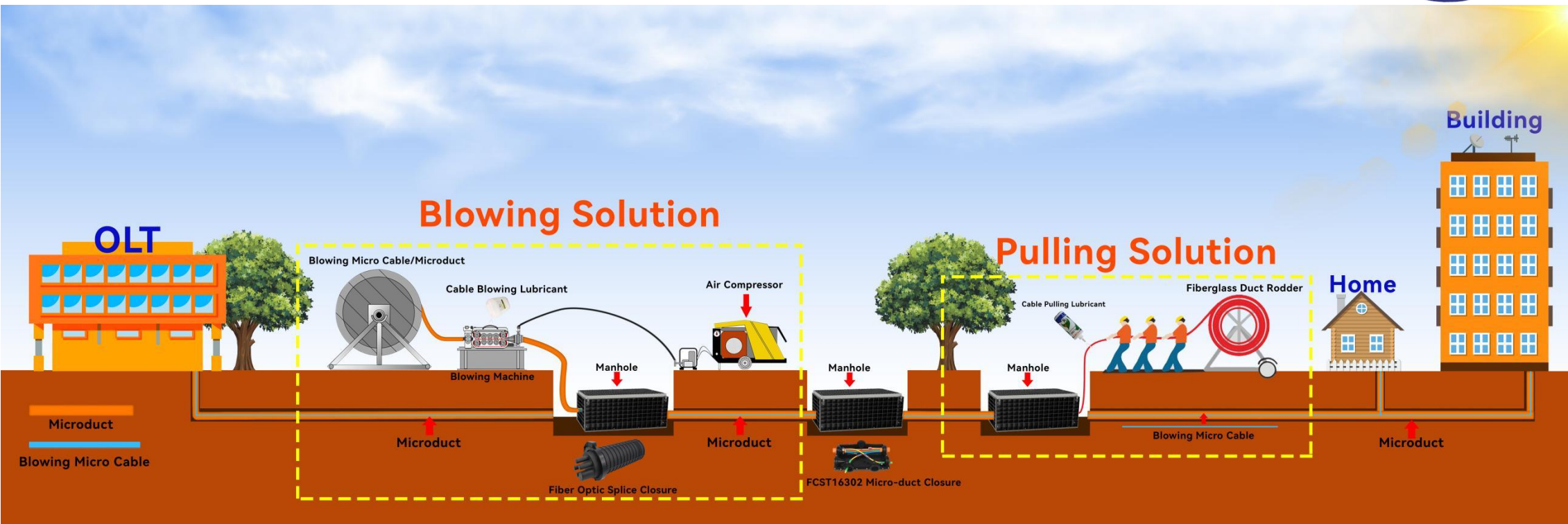


UNDERGROUND CABLE INSTALLATION SOLUTION CATALOG



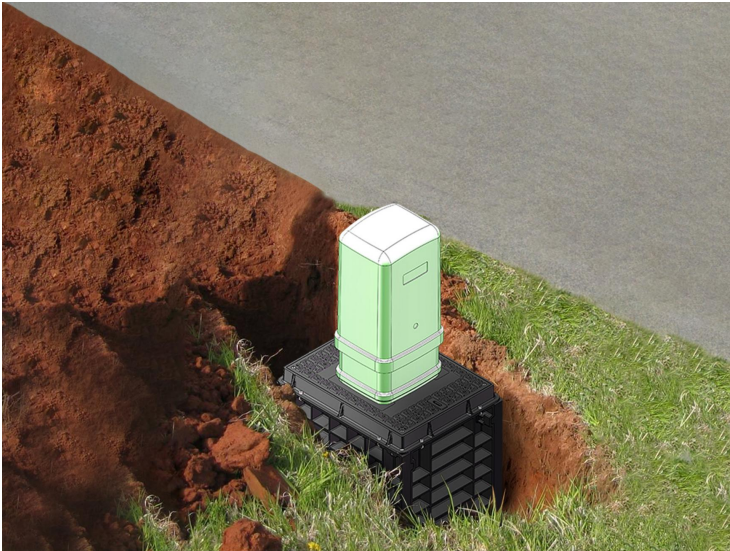
Underground Cable Installation Solution

With the rapid development of urban construction, urban pipeline resources are becoming less and less, cost is raising up for open road, road management and urban noise restrictions increased construction costs for telecommunications operator. FCST is offering professional fiber cable blowing solution and related products such as micro cable and micro duct to solve those problems. And products are working for backbone, LAN, pipeline expansion and FTTx network.

UNDERGROUND CABLE INSTALLATION SOLUTION CATALOG



Multifunction FTTH Fiber Delivery Point Pedestal



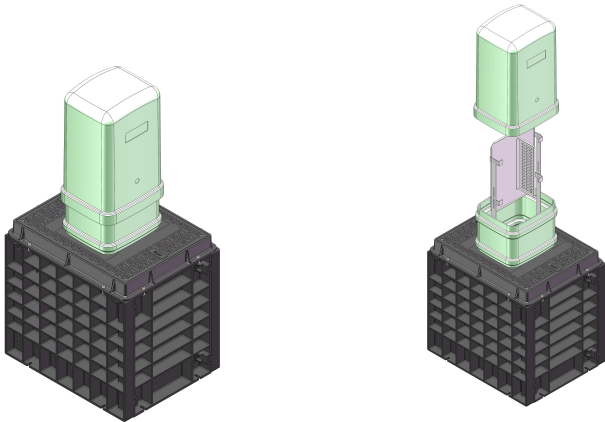
Product Specifications

Telecom Manhole Chamber Section (Model Number:FCST-TH-SMC01)

Construction	Description
External Size	660*520*642mm
Internal Dimensions	540*400*583mm
Material	SMC
Net Weight	65.9KG
Manhole Cover Load Grade	B125(12.5T)/C250(25T)
Standard No.	EN124:1994、GB/T1447-2005、GB/T1451-2005、GB/T9979- 2005
Axial Test Load	100KN
Lateral Test Load	40KN

Pedestal Section (FCST090104)

Construction	Description
Max. Capacity	144 cores
Dimension	346*298*681mm
Material	PE(Uv resistance)
Weight	7.4KG
Fiber Radius Of Curvature	≥ 40mm
Fiber Optic Disk Additional Loss	≤0.01dB
Floor Mounting Hole Distance	260mm



UNDERGROUND CABLE INSTALLATION SOLUTION CATALOG



FCST-TH-SMC SMC Telecom Manhole & Handhole Chamber

Note: The practical application of this Composite Manhole Chamber, covering many fields such as municipal administration, electric power,electricity, water, road administration,and drainage.



TYPE	FCST-TH-SMC01B	FCST-TH-SMC02B	FCST-TH-SMC03B	FCST-TH-SMC04	FCST-TH-SMC05
Material	SMC	SMC	SMC	SMC	SMC
External size	660*520*642mm	1300*520*642mm	1520*520*642mm	495*424*407mm	720*720*960mm
Internal dimensions	540*400*583mm	1180*400*583mm	1400*400*583mm	-	600*600*900mm
Manhole Cover Load Grade	B125(12.5T)/C250(25T)	B125(12.5T)/C250(25T)	B125(12.5T)/C250(25T)	B125(12.5T)	B125(12.5T)/C250(25T)

UNDERGROUND CABLE INSTALLATION SOLUTION CATALOG

Cable Blowing Solution-Fiber Blowing Machine



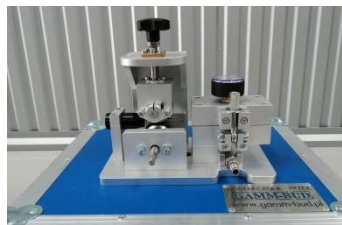
FCST-FBM01 Plus Fiber Blowing Machine

Construction	Description
Micro Cable Diameter	0.5~8.0 mm(available seals)
Micro Ducts Diameter	5~16mm(available seals)
Blowing Range / Max	700m
Blowing Speed / Max	60 m/min
Operating Pressure / Max	15 bar



FCST-FBM04 Fiber Blowing Machine

Construction	Description
Micro Cable Diameter	4~10 mm/2.5/12 mm(available seals)
Micro Ducts Diameter	5~16/20mm(available seals)
Blowing Range / Max	2500m
Blowing Speed / Max	110m/min
Operating Pressure / Max	15 bar



FCST-FBM02 Fiber Blowing Machine

Construction	Description
Micro Cable Diameter	0.8~10mm(available seals)
Micro Ducts Diameter	5~16mm(available seals)
Blowing Range / Max	1000m
Blowing Speed / Max	110m/min
Operating Pressure / Max	15 bar



FCST-FBM03 Fiber Blowing Machine

Construction	Description
Micro Cable Diameter	2.5~12mm(available seals)
Micro Ducts Diameter	5~20mm(available seals)
Blowing Range / Max	2500m
Blowing Speed / Max	110m/min
Operating Pressure / Max	15 bar



FCST-FBM08 Fiber Blowing Machine

Construction	Description
Micro Cable Diameter	7/10/12 mm (max. number of the microducts: 7)
Micro Ducts Diameter	32mm, 40mm, 50mm
Blowing Range / Max	1500m
Blowing Speed / Max	80m/min
Operating Pressure / Max	10 bar

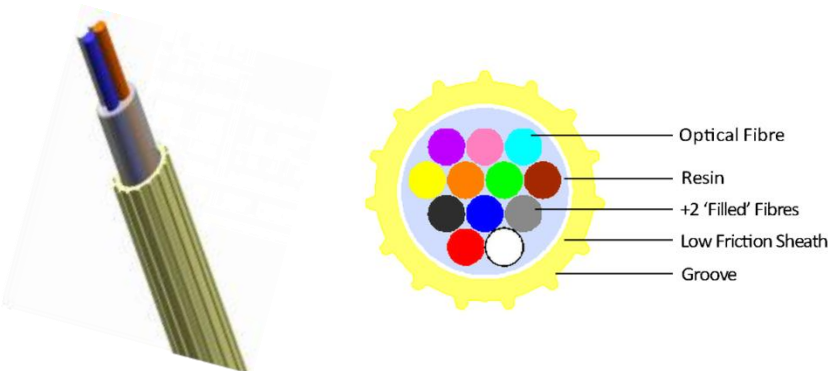


FCST-FBM05 Fiber Blowing Machine

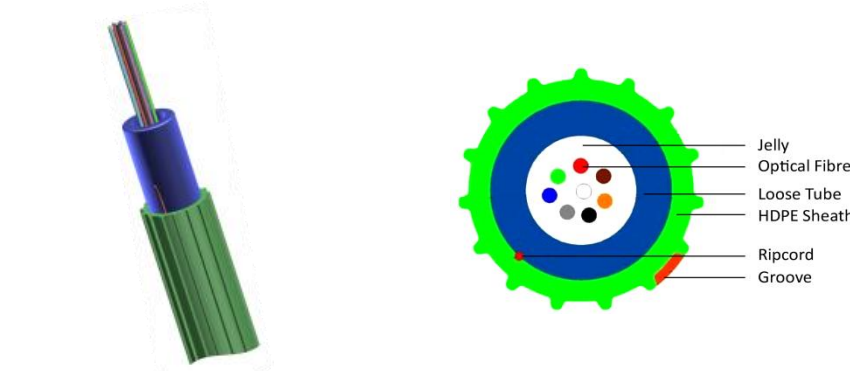
Construction	Description
Micro Cable Diameter	6.0 – 15 mm (optional dia.: up till 20 mm)
Tube Diameter	32 mm, 40 mm, 50 mm
Blowing Range / Max	2500m
Blowing Speed / Max	80 m/min
Operating Pressure / Max	10 bar

UNDERGROUND CABLE INSTALLATION SOLUTION CATALOG

Cable Blowing Solution-Air Blowing Micro Cable



Air Blown Fibre Unit



Super Mini Uni-tube Blown Cable

Construction	Description
Fibre Count	2/4/6/8/12
Outer Diameter(mm)	1.15/1.35/1.50/1.65±0.05
Min Bend Radius(mm)	50/60/80
Cable Service Life	25 years
Attenuation(SM G.652D、G.657)	0.40dB/km max @1310nm 0.30dB/km max @1550nm

Construction	Description
Fibre Count	2/4/6/8/12/24
Outer Diameter(mm)	2.0/2.3/2.5/2.8±0.1
Max. Tensile Strength（N）	40/50/60
Cable Service Life	25 years
Attenuation(SM G.652D、G.657)	0.35dB/km max @1310nm 0.22dB/km max @1550nm

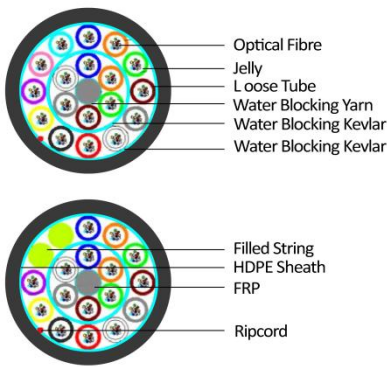
Fibre Color Code (Fibre colors can also be determined by customer)

NO.	1	2	3	4	5	6	7	8	9	10	11	12
Color	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Aqua

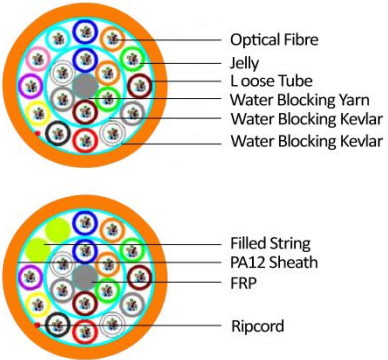
UNDERGROUND CABLE INSTALLATION SOLUTION CATALOG



Cable Blowing Solution-Air Blowing Micro Cable



Stranded Micro Cable (4-144/192-288Cores, HDPE Sheath)



Stranded Micro Cable (4-144/192-288Cores, PA12 Sheath)

Construction	Description
Fibre Count	4/12/24/48/60/72/96/144/192/216/288
Outer Diameter(mm)	5.6~9.4±0.2
Max. Crushing Resistance	800N/100mm
Cable Service Life	25 years
Attenuation(SM G.652D、G.657)	0.35dB/km max @1310nm 0.22dB/km max @1550nm

Construction	Description
Fibre Count	4/12/24/48/60/72/96/144/192/216/288
Outer Diameter(mm)	5.6~9.4±0.2
Max. Crushing Resistance	800N/100mm
Cable Service Life	25 years
Attenuation(SM G.652D、G.657)	0.35dB/km max @1310nm 0.22dB/km max @1550nm

Fibre Color Code (Fibre colors can also be determined by customer)

NO.	1	2	3	4	5	6	7	8	9	10	11	12
Color	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Aqua

UNDERGROUND CABLE INSTALLATION SOLUTION CATALOG



Cable Blowing Solution- HDPE Micro Duct / Primary Tube

Single high density polyethylene tube is with smooth inner wall to reduce the friction for maximum fiber blowing distance. HDPE micro Duct does not contain dangerous chemicals in accordance to the Directive 2006/1907/EC (REACH). HDPE Tube Bundle meets requirements of Directive 2002/95/EC (RoHS).



1-Way 7-3.5 mm HDPE Micro Duct



1-Way 14-10 mm HDPE Micro Duct

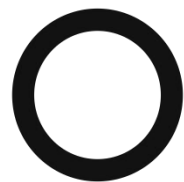
O.D. (mm)	I.D. (mm)	Wall Thickness (mm)	SDR	Nom. Mass (kg/km)	Min Bend Rad. (mm)	Max. Pull (kg)	Max. Pull (N)
5.0	3.5	0.75	6.7	10	60	18	180
7.0	3.5	1.75	4.0	28	84	52	520
8.0	6.0	1.0	8.0	22	96	38.5	385
10.0	6.0	2.0	6.0	49	120	90	900
10.0	8.0	1.0	10.0	28	120	51	510
12.0	8.0	2.0	6.0	61	144	112	1120
12.0	10.0	1.0	12.0	34	144	62	620
14.0	10.0	1.0	7.0	73	168	135	1350
14.0	11.5	1.25	11.2	49	168	90	900
16.0	12.0	2.0	8.0	84	192	158	1580

UNDERGROUND CABLE INSTALLATION SOLUTION CATALOG



Cable Blowing Solution- HDPE Silicon Duct (Sub duct)

High-density polyethylene tubes with smooth inner wall to reduce friction.



1-Way 32-26 mm HDPE Silicon Duct



1-Way 40-33 mm HDPE Silicon Duct

O.D. (mm)	I.D. (mm)	Wall Thickness (mm)	SDR	Nom. Mass (kg/km)	Min Bend Rad. (mm)	Max. Pull (kg)	Max. Pull (N)
20	15	2.5	8.0	131	400	248	2480
20	16	2.0	10.0	109	400	200	2000
25	20	2.5	10.0	169	500	320	3200
32	26	3.0	10.7	261	640	500	5000
32	27	2.5	12.8	222	640	400	4000
40	33	3.5	11.4	384	800	800	8000
46	38	4.0	11.5	506	920	1000	10000
50	41	4.5	11.1	616	1000	1200	12000
50	42	4.0	12.5	554	1000	1200	12000

UNDERGROUND CABLE INSTALLATION SOLUTION CATALOG



Cable Blowing Solution- DIRECT BURY (DB) Tube Bundle

A bundle of micro- or mini-tubes (regular wall size) is surrounded by dual HDPE sheath. The design makes the duct assemblies suitable for outdoor direct buried. The bundles are optimized for best cable blowing performance.



4Ways 14-10mm DB HDPE Tube Bundle



7Ways 14-10mm DB HDPE Tube Bundle

Product Code	Description	Microduct Size	Drum Length (m)	Nom. Weight Per KM (kg)	Bundle O.D. (mm)	Min. Bend Radius (mm)	Max. Pull (N)
DB0735-2	2DB	7/3.5mm	2000	102	16.4*9.4	180	1000
DB0735-4	4DB	7/3.5mm	2000	174	16.4*16.4	320	1700
DB0735-7	7DB	7/3.5mm	2000	274	23.4	460	2680
DB0735-12	12DB	7/3.5mm	1000	438	30.4	600	4300
DB0805-2	2DB	8/5mm	2000	112	18.4*10.4	180	1000
DB0805-4	4DB	8/5mm	2000	190	18.4*18.4	360	1850
DB0805-7	7DB	8/5mm	2000	315	26.4	520	3000
DB1208-2	2DB	12/8mm	2000	197	26.4*14.4	280	1920
DB1208-4	4DB	12/8mm	2000	347	26.4*26.4	520	3400
DB1208-7	7DB	12/8mm	1000	557	38.4	760	5460
DB1410-2	2DB	14/10mm	2000	235	30.4*16.4	320	2200
DB1410-4	4DB	14/10mm	2000	415	30.4*30.4	600	4000
DB1410-7	7DB	14/10mm	1000	670	44.4	880	6580
DB2016-4	4DB	20/16mm	1000	604	42.4*42.4	840	6000

UNDERGROUND CABLE INSTALLATION SOLUTION CATALOG



Cable Blowing Solution- DIRECT BURY (DB) Tube Bundle - Heavy duty

A bundle of micro- or mini-tubes (regular wall size) is surrounded by dual HDPE sheath. The design makes the duct assemblies suitable for outdoor direct buried. The bundles are optimized for best cable blowing performance.



7Ways 5-3.5mm PE 3.0mm DB HDPE Tube Bundle



7Ways 12-8mm PE 2.4mm DB HDPE Tube Bundle

Product Code	Description	Microduct Size	Drum Length (m)	Nom. Weight Per KM (kg)	Bundle O.D. (mm)	Min. Bend Radius (mm)	Max. Pull (N)
DB0535-2	2DB	5/3.5mm	2000	121	16.0*11.0	220	1300
DB0535-4	4DB	5/3.5mm	2000	199	18.9	380	2150
DB0535-7	7DB	5/3.5mm	2000	258	21.8	440	2780
DB0535-12	12DB	5/3.5mm	2000	362	27.1	540	3900
DB0535-19	19DB	5/3.5mm	1000	480	31.8	640	5180
DB0535-24	24DB	5/3.5mm	1000	611	36.8	740	6580
DB0535-26	26DB	5/3.5mm	1000	656	38.8	780	7080
DB0806-4	4DB	8/6mm	2000	321	26.2	520	3460
DB0806-7	7DB	8/6mm	2000	434	30.8	620	4680
DB0806-12	12DB	8/6mm	2000	630	39.2	780	6800
DB1008-2	2DB	10/8mm	2000	260	26.8*16.8	340	2800
DB1008-4	4DB	10/8mm	2000	397	30.9	620	4280
DB1008-7	7DB	10/8mm	2000	545	36.8	740	5880
DB1210-2	2DB	12/10mm	2000	304	30.8*18.8	380	3280
DB1210-4	4DB	12/10mm	2000	468	35.8	720	5000
DB1210-7	7DB	12/10mm	2000	641	42.8	880	7000

UNDERGROUND CABLE INSTALLATION SOLUTION CATALOG

Cable Blowing Solution- DIRECT INSTALLATION (DI) Tube Bundle

Developed to be the best solution of the non-metallic modular-tubes family, dedicated to installations in existing ducts or cable trays. A bundle of micro- or mini-tubes (regular wall size) is surrounded by a HDPE sheath. Easy access to the microducts is guaranteed due to the thin sheath, which is not attached to the microducts. The HDPE(High-density Polyethylene) outer sheath is UV-resistant.



4Ways 10-8mm DI HDPE Tube Bundle



12Ways 5-3.5mm DI HDPE Tube Bundle

Product Code	Description	Microduct Size	Drum Length (m)	Nom. Weight Per KM (kg)	Bundle O.D. (mm)	Min. Bend Radius (mm)	Max. Pull (N)
DI0535-2	2DI	5/3.5mm	2000	64	13.4*8.4	168	620
DI0535-4	4DI	5/3.5mm	2000	111	15.5	320	1080
DI0535-7	7DI	5/3.5mm	2000	155	18.4	380	1520
DI0535-12	12DI	5/3.5mm	2000	233	23.7	480	2280
DI0535-19	19DI	5/3.5mm	1000	327	28.4	580	3200
DI0535-24	24DI	5/3.5mm	1000	431	33.4	680	4200
DI0535-26	26DI	5/3.5mm	1000	466	35.4	720	4560
DI0806-4	4DI	8/6mm	2000	196	22.8	480	1920
DI0806-7	7DI	8/6mm	2000	285	27.4	560	2800
DI0806-12	12DI	8/6mm	2000	438	35.8	720	4200
DI1008-2	2DI	10/8mm	2000	150	23.4*13.4	280	1450
DI1008-4	4DI	10/8mm	2000	248	27.5	560	2400
DI1008-7	7DI	10/8mm	2000	365	33.4	680	3500
DI1210-2	2DI	12/10mm	2000	177	27.4*15.4	320	1720
DI1210-4	4DI	12/10mm	2000	293	32.4	660	2800
DI1210-7	7DI	12/10mm	2000	432	39.4	800	4200

UNDERGROUND CABLE INSTALLATION SOLUTION CATALOG

Cable Blowing Solution- Tube Bundle- FLAT

A bundle of micro- or mini-tubes (regular wall size) is surrounded by single thin HDPE sheath. The design makes the duct assemblies suitable for outdoor direct buried or other existing ducts or cable trays. The microducts are optimized for best cable blowing performance.



2Ways 18-14mm Flat HDPE Tube Bundle



8Ways 14-10mm Flat HDPE Tube Bundle

Product Code	Description	Microduct Size	Drum Length (m)	Nom. Weight Per KM (kg)	Bundle O.D. (mm)	Min. Bend Radius (mm)	Max. Pull (N)
FLAT0735-4	4FLAT	7/3.5mm	2000	190	30.4*9.8	200	1800
FLAT1006-4	4FLAT	10/6mm	2000	305	42.4*12.4	260	3000
FLAT1208-4	4FLAT	12/8mm	2000	374	50.4*14.4	300	3660
FLAT1410-4	4FLAT	14/10mm	2000	448	58.4*16.4	340	4400

Cable Blowing Solution- Pre-laid Cable Duct (PCD)

High-density polyethylene tubes with smooth inner wall to reduce friction. PCD is abbreviation of Pre-laid Cable Duct, which means that at the same time when the duct is extruded.

Product Advantages

- There is no trouble in the effective distance of cable blowing any more and saves the charge of cable blowing; on the construction site it does not need blowing machine, compressor and cable laying teams, etc any more.
- Greatly shorten the construction period, the trench disposal is simpler and the problem in terrain limit gets solved,ie, the duct placement and cable laying can be done at the same time as long as to put the PCD into the excavated trench and backfill.
- Reduce the cost of projects, including saving the ocean freight of duct and cable, and construction.



UNDERGROUND CABLE INSTALLATION SOLUTION CATALOG



Cable Blowing Solution- Micro-duct Closure



FCST16301 FTTH Micro Tube Distribution Closure

Construction	Description
Micro Duct Diameter	43.5mm
Material	ABS
Dimension	385*250*72mm
Net Weight	1000g
Port Supports	6



FCST16302 Tube Distribution Closure

Construction	Description
Micro Duct Diameter	40mm
Material	ABS
Dimension	361*220*70mm
Net Weight	1232g
Port Supports	7



FCST16304 Mini Multi-function Micro Duct Closure

Construction	Description
Micro Duct Diameter	45mm
Material	ABS
Dimension	350*170*100mm
Net Weight	800g
Port Supports	1in 1out/7*holes duct (16mm)



FCST16306 Tube Distribution Closure

Construction	Description
Micro Duct Diameter	45mm
Material	PP
Dimension	340*160*100mm
Protection Level	IP68
Port Supports	2in 2out

UNDERGROUND CABLE INSTALLATION SOLUTION CATALOG



Cable Blowing Solution- Micro Duct Connector



Micro Duct End Stop Connector

Construction	Description
Tube To Connector	Polyethylene HDPE
Max. Pressure	28 bar
Useful Life	25 years
Working Temperature	-45°C/+50°C
Size	Min.:ERPUB3 Max.:ERPUB25



Micro Duct Straight Connector

Construction	Description
Tube To Connector	Polyethylene HDPE
Max. Pressure	28 bar
Useful Life	25 years
Working Temperature	-45°C/+50°C
Size	Min.:ERPU3/2.1 Max.:ERPU25/22



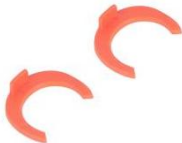
Micro Duct Reducer

Construction	Description
Tube To Connector	Polyethylene HDPE
Max. Pressure	28 bar
Useful Life	25 years
Working Temperature	-45°C/+50°C
Size	Min.:ERPG5-3/2.1 Max.:ERPG20/16-16/12



Gas-Water Block Micro Duct Connector

Construction	Description
Tube To Connector	Polyethylene HDPE
Max. Pressure	28 bar
Useful Life	25 years
Working Temperature	-45°C/+50°C
Size	Min.:GSA7 Max.:GSA20



Locking Clip

Note

Match the corresponding specifications according to the size of the connector.



DB Cover

Note

Match the corresponding specifications according to the size of the connector.

UNDERGROUND CABLE INSTALLATION SOLUTION CATALOG



Cable Blowing Solution- Micro Duct Connector



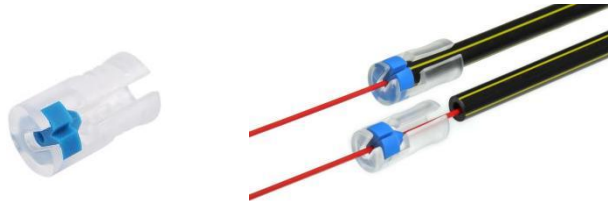
Simplex Duct Plug

Construction	Description
Duct OD(mm)	32/40/45
Cable Range(mm)	9-14.5/14-18



Divisible Gas Block Connector-Micro

Construction	Description
Plastic scales	Fiberglass reinforced
Sealing plug	silicone
Sealing	up to 0,5 bar
Pull-out force duct seal vs duct	≥ 100N
Size	Min.:FCST10/2.5 Max.:FCST20/12



MINI Divisible Gas Block Connector

Construction	Description
Material	Body:PA Seal:Silicon Rubber
Sealing plug	TPE
Sealing	up to 0,5 bar
Pull-out force duct seal vs duct	20~100N
Size	Min.:VBK5/0.9 Max.:VBK8/3



FCST-EDP Expanding Duct Plug

Construction	Description
Duct OD(mm)	32/34/40/46/50/60/63
Sealing Range(mm)	25.5~56.5



I-Type Closure

Construction	Description
Duct Size	Max.50mm
Material	ABS
Dimensions	615*159*108mm
Weight	2040g
Crush	1000N/10mins



Y-Type Closure

Construction	Description
Duct Size	Max.40mm
Material	ABS
Dimensions	290*205*87mm
Weight	430g
Crush	1000N/10mins

UNDERGROUND CABLE INSTALLATION SOLUTION CATALOG



Cable Blowing Solution- HDPE Silicon Duct Closure



FCST16307 HDPE Silicon Duct Closure

Construction	Description
Inlets/Outlets	1/1
Material	ABS+PS
Dimension (mm)	160*77*55
Suitable For	40/33mm Silicon Duct



FCST16308 HDPE Silicon Duct Closure

Construction	Description
Inlets/Outlets	2/2
Material	ABS+PS
Dimension (mm)	203*125*55
Suitable For	40/33mm Silicon Duct



FCST16309 HDPE Silicon Duct Closure

Construction	Description
Inlets/Outlets	1/1
Material	ABS+PS
Dimension (mm)	395*240*45
Suitable For	40/33mm Silicon Duct

HDPE Silicon Core Pipe Connector



FCST-FDS-G-C-40/33mm



FCST-FDS-G-B-40/33mm



FCST-FDS-G-A-40/33mm



FCST-SDC5-40/33mm



FCST-SDC2-40/33mm



FCST-SDC1-32/26mm



FCST-SDC3-40/33mm



FCST-SDC4-46/38mm



FCST-SDC1-60/50mm



FCST-SDC4-63/54mm

UNDERGROUND CABLE INSTALLATION SOLUTION CATALOG



Cable Blowing Solution- Micro-duct Tool Kit



FCST24 Micro-duct Cutting Tool Kit

Contains



FCST221061 Microduct Assembly Cutter



FCST221062 Tri-Head Microduct Tube Cutter
(Ø8mm- Ø18mm- Ø25mm)



FCST221063 Knife for Sheath Removal of Thick
Walled Ducts



FCST221040 Double Sheath Cutter
for microduct assemblies



FCST221064 Innerduct cutter



FCST221065 3-Way Rotating Head
Microduct Cutter



FCST221035 Microduct Assembly
Inner Sheath Cutter



Yellow box (370*268*138mm)

UNDERGROUND CABLE INSTALLATION SOLUTION CATALOG



Cable Blowing Solution- Cable Lubricant



FBL1000 Cable Pulling Lubricant



25L



200L

FBL2000 Cable Blowing Lubricant

Construction	Description
Color	Milky Yellow
Tape Type	Barricade
Temperature Range	20 - 120 DegreesF (-5 - 49 Degrees C)
Lubricant Type	Gel
Maximum Operating Temperature (Celsius)	43 Degree Celsius
Capacity	1L

Construction	Description
Appearance	Milky white liquid
Odor	No odor
Viscosity	160+10MPa/s
Specific gravity(25C)	0.98 + 0.02g/cm3
PH value	5.5~7.5
Capacity	25L/200L

UNDERGROUND CABLE INSTALLATION SOLUTION CATALOG



Cable Pulling Solution- Cable Puller



Tie Packaging



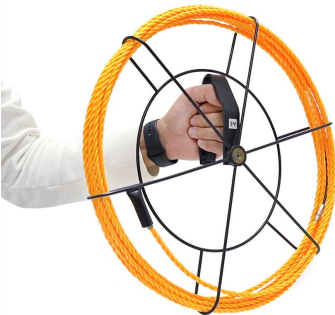
Bundle Tube Sleeve Packaging



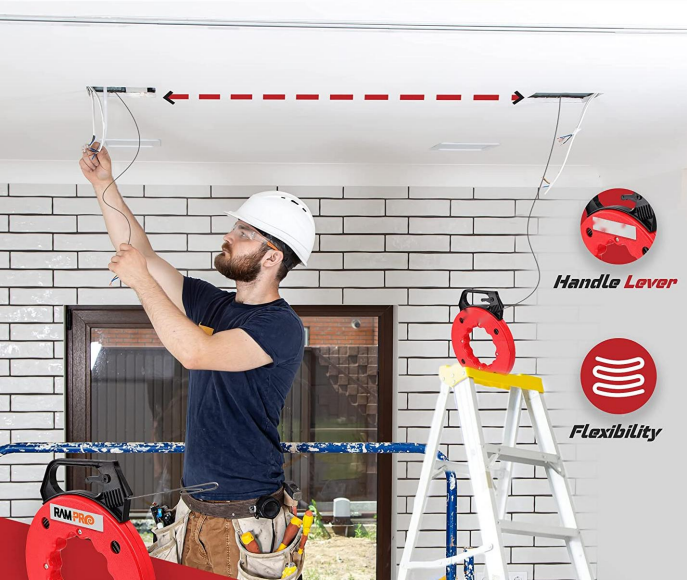
Fish-shaped Cable Receiving Box



Splice-type Packaging



Cable Puller(Handheld)



Product Specifications

Construction	Description
Diameter (mm)	3/4/5/6
Material	Nylon/Fiberglass/Steel/Polyester
Length(m)	5/10/15/20/25/30m/45/50m, or customized
Color	Yellow,blue,red,white,can customized
Safe Pulling Strength(kg)	500
Breaking Pulling Strength(kg)	800

UNDERGROUND CABLE INSTALLATION SOLUTION CATALOG



Cable Pulling Solution- Fiberglass duct Rodder



FCST-FDR Fiberglass Duct Rodder (without Wheel)

Construction	Description
Rod Diameter (mm)	4.5mm,6mm,8mm
Max.Rod Length (m)	6mm:200/8mm:100
Max.Frame Spec. (mm)	750*190*820
Fiber Glass Rod Inner Material	Extruded by fiber glass and high strength resin at high temperature
Fiber Glass Content	75-80%
Working Environment	-40℃to +80℃



FCST-FDR Fiberglass Duct Rodder (with Wheel)

Construction	Description
Rod Diameter (mm)	4.5mm,6mm,8mm,9mm,10mm,11mm,12mm,13mm,14mm,16mm
Max.Rod Length (m)	10m,50m,100m,150m,200m,250m,300m,350m.....
Max.Frame Spec. (mm)	980x350x1000,680x240x700,420x180x400
Fiber Glass Rod Inner Material	Extruded by fiber glass and high strength resin at high temperature
Fiber Glass Content	75-80%
Working Environment	-40℃to +80℃

UNDERGROUND CABLE INSTALLATION SOLUTION CATALOG



Cable Pulling Solution- Telecom HD Pipe Inspection Camera



FCST-TDD01 Telecom HD Pipe Inspection Camera

Construction	Description
Size (Camera heads)	φ 17*125mm/ φ 28*260mm/ φ 38*230mm
Leds	6pcs/12pcs/12pcs
Suitable Pipe Diameter	30-60mm/70-200mm/70-300mm
Fiber Glass Rod Inner Material	Extruded by fiber glass and high strength resin at high temperature
Fiber Glass Content	75-80%
Working Environment	-40℃to +80℃



FCST-TDD02 Telecom HD Pipe Inspection Camera

Construction	Description
Size (Camera heads)	φ 17*125mm/ φ 23*240mm/ φ 28*260mm
Leds	6pcs/12pcs/12pcs
Suitable Pipe Diameter	30-60mm/30-200mm/70-200mm
Fiber Glass Rod Inner Material	Extruded by fiber glass and high strength resin at high temperature
Fiber Glass Content	75-80%
Working Environment	-40℃to +80℃

UNDERGROUND CABLE INSTALLATION SOLUTION CATALOG



Cable Pulling Solution- Telecom HD Pipe Inspection Camera



FCST-TDD03 Telecom HD Pipe Inspection Camera

Construction	Description
Size（Camera heads）	φ 17*125mm/ φ 23*134mm/ φ 23*240mm
Leds	6pcs/12pcs/12pcs
Suitable Pipe Diameter	30-60mm/30-200mm
Fiber Glass Rod Inner Material	Extruded by fiber glass and high strength resin at high temperature
Fiber Glass Content	75-80%
Working Environment	-40℃to +80℃



FCST-TDD04 Telecom HD Pipe Inspection Camera

Construction	Description
Size（Camera heads）	φ 17*125mm/ φ 28*260mm
Leds	6pcs/12pcs
Suitable Pipe Diameter	30-60mm/70-200mm
Fiber Glass Rod Inner Material	Extruded by fiber glass and high strength resin at high temperature
Fiber Glass Content	75-80%
Working Environment	-40℃to +80℃

UNDERGROUND CABLE INSTALLATION SOLUTION CATALOG



Cable Pulling Solution- Telecom HD Pipe Inspection Camera



FCST-TDD05 Telecom HD Pipe Inspection Camera

Construction	Description
Size (Camera heads)	Φ 23*510mm
Leds	6pcs/12pcs/12pcs
Suitable Pipe Diameter	30-200mm
Pole material	carbon fiber
Length (min / max)	1080mm/2850mm
Total length	3.6m



FCST-TDD06 Telecom HD Pipe Inspection Camera

Construction	Description
Size (Camera heads)	Φ 23*240mm
Cable diameter	Φ 6.3mm, 4-core coaxial
Suitable Pipe Diameter	60-200mm
Waterproof	IP68
Cable length	30m
Lens material	Sapphire glass