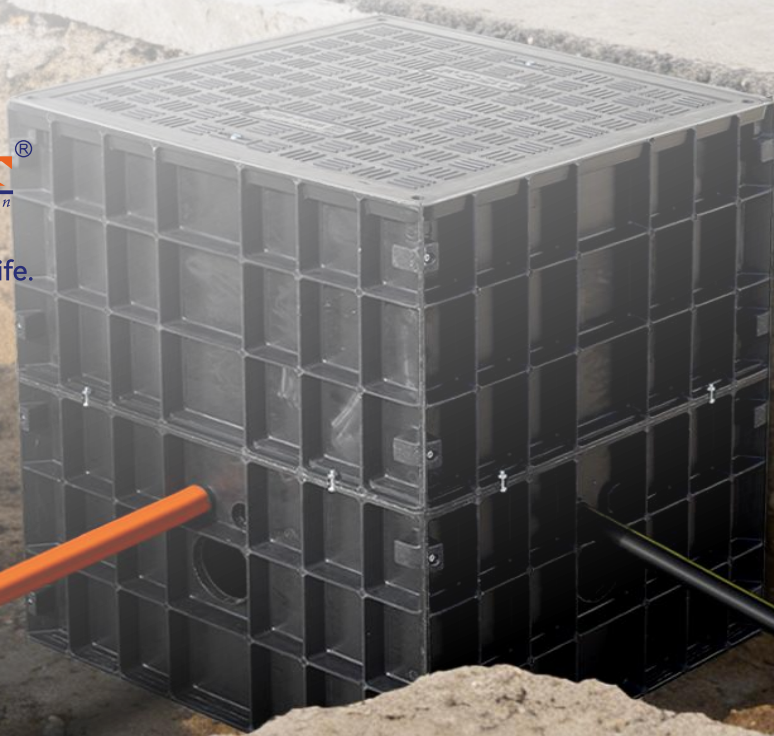




Better FTTx, Better Life.



April, 2026

Technical Information

FCST-TH-SMC14 Telecom Manhole Chamber

M:+86 18720624696
Email:sales@fcst.com
Tel:+86-21-38726791 38726792

www.fcst.com

www.microductcoupler.com





Telecom Manhole Chamber

FCST-TH-SMC14 Telecom Manhole Chamber is meticulously engineered to offer comprehensive protection, storage, equipment installation, and maintenance solutions for the underground placement of optical fiber splice closures and cable products.

The bottom is equipped with a base plate with drainage holes. Each side of the lower plate has one 125mm and two 50mm pre-drilled holes, each with a cap. Pre-drilled holes are compatible with other pipe diameter ranges and can be drilled on-site.



- Service life can reach 30 years.
- Depth can be stacked according to requirements.
- Lightweight design using SMC composite materials.
- Internal Dimensions: 800*800*1020mm (31"x31"x40.16")
- Prefabricated structures reduce on-site installation costs by 80%.
- Complies with ANSI/SCTE 77 2017 and EN124 Standard .(Tier22/B125)
- Transverse and vertical cross stiffeners are arranged around the outer side of the shaft, also be closely combined with the rammed soil layer. It is not easy to move and loosen after rolling.



ANSI/SCTE 77 2017 EN124



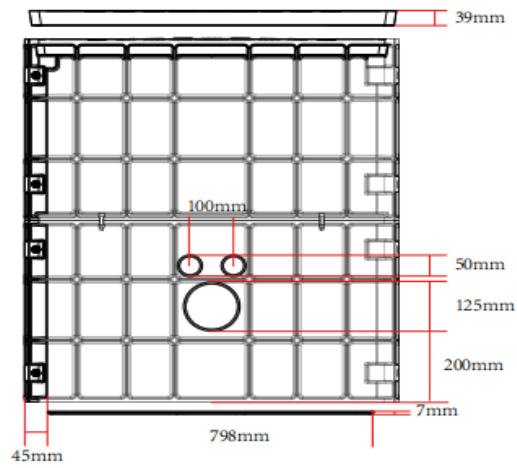
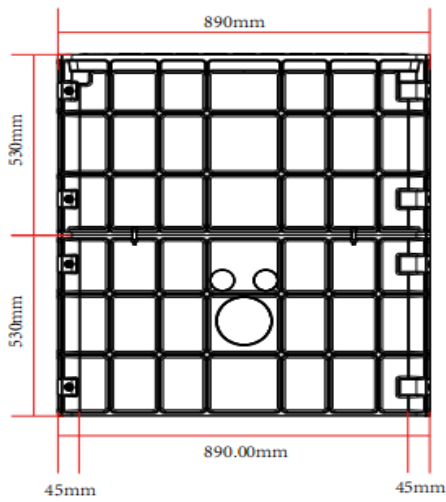
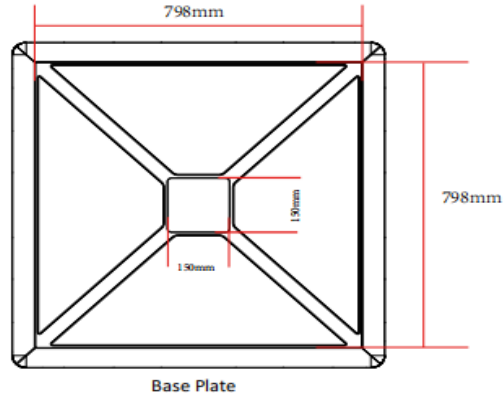
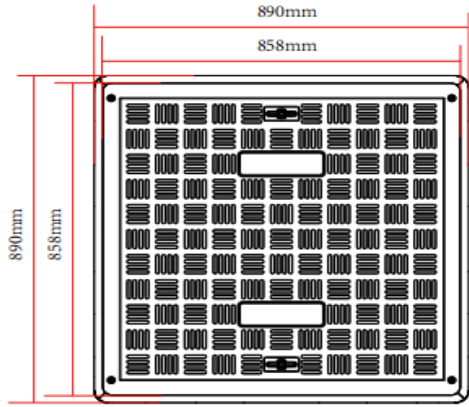
Product Specifications

Construction	Description
Executive Standard	ANSI/SCTE 77 2017 EN124
Material	SMC/BMC
Manhole Cover Load Grade	Tier 22 B125
Length	800mm 31in
Width	800mm 31in
Depth	1020mm 40.16 in
Weight	SMC:120.5kg
Flame Retardant Grade	V0
Environmental Requirements LOGO	Meet ROHS Available
Working Temperature	-40°C~+65°C
Storage Temperature	-40°C~+70°C
Service life	30 years

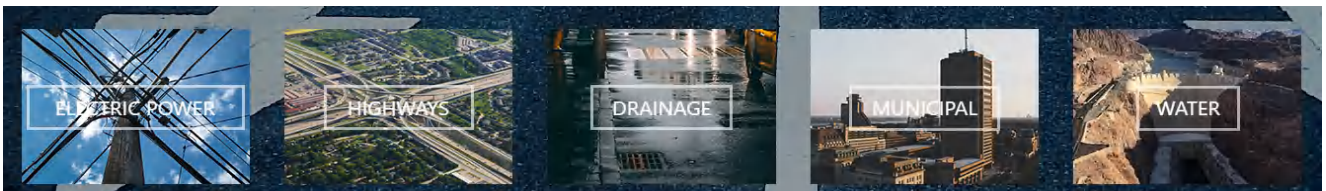


Product Size

External Size(L*W*D)	Internal Dimensions(L*W*D)	Manhole Cover Load Grade
890 x 890 x 1060mm (35.04"x35.04"x41.73")	800*800*1020mm (31"x31"x40.16")	Tier 22 B125



Product Application

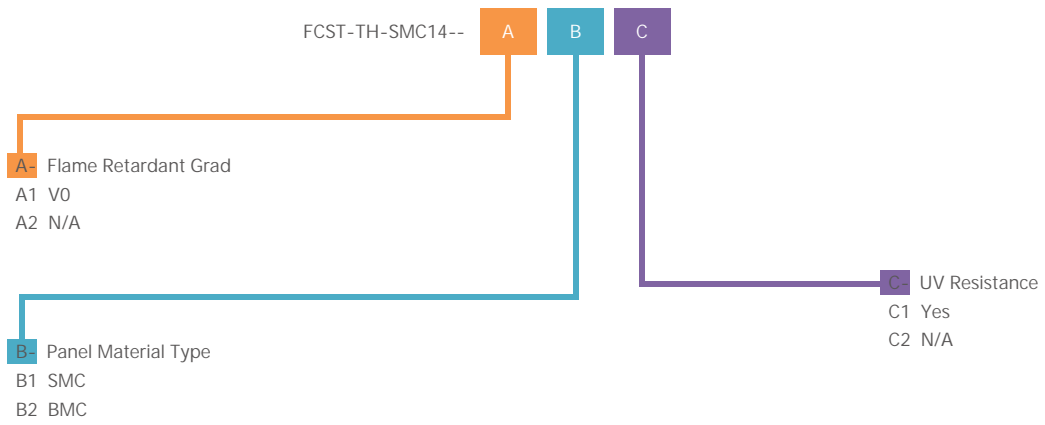


Note : The practical application of this Composite Manhole Chamber, covering many fields such as municipal administration, electric power,electricity, water , road administration,and drainage.

On each side of the product. The size of the drill hole can be adjusted at the construction site according to the actual size of the HDPE Silicon Pipe/HDPE Micro-duct.



Ordering Information



*It must meet the ANSI/SCTE 77 2017 standard, and the side panels must be made of SMC material.

*Note: The specified model is determined based on optional configurations. For example: FCST-TH-SMC14--A1-B1-C1.

Accessories Optional



Optional-1 FOSC Fixed Frame



Optional-2 FOSC Fixed Frame



Optional-3 FCST-Cross Cable Rack

Related Products



Microduct Connector



Micro Cable



Divisible Duct Sealing

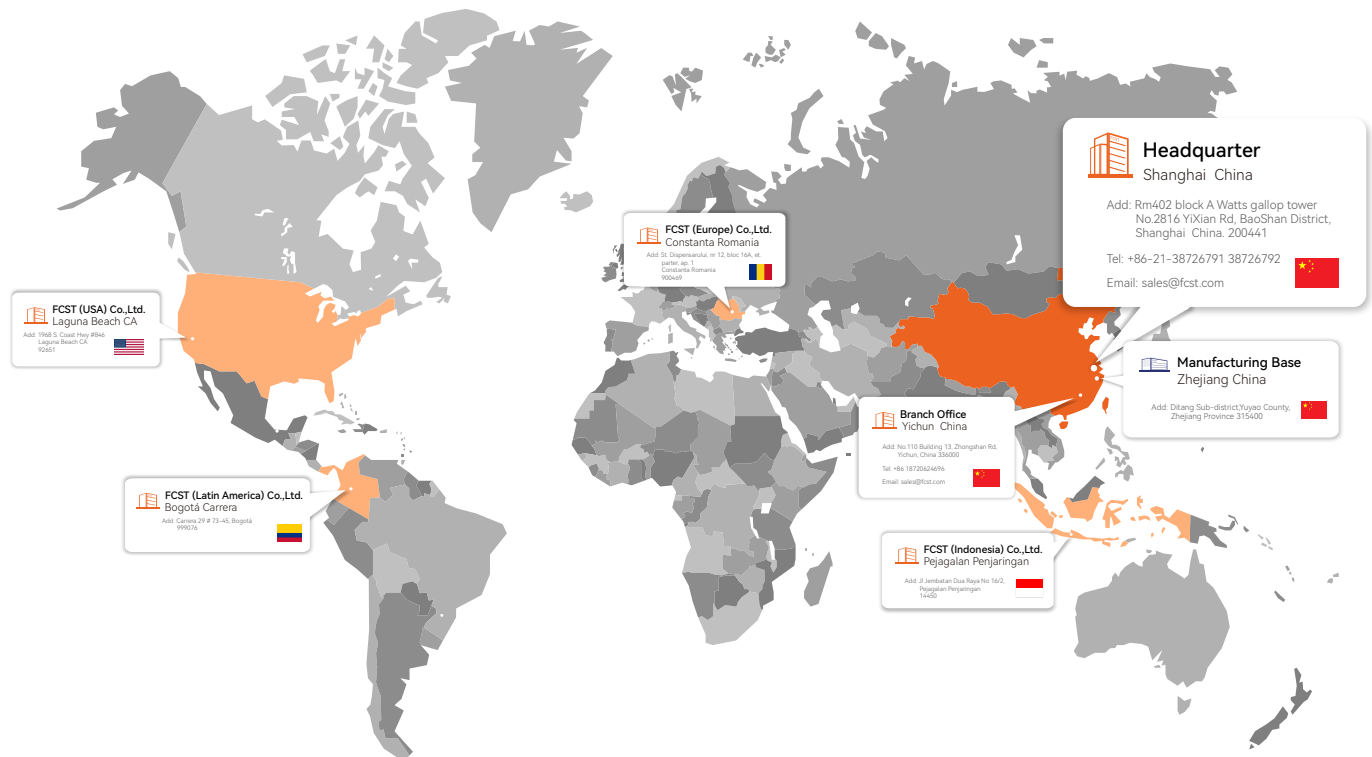


Marker Ball



Better FTTx, Better Life.

Fiber Cable Solution Technology Co.,Ltd.



FCST (USA) Co.,Ltd.
Laguna Beach CA
Add: 198 S. Coast Hwy Ste
Laguna Beach CA
92651

FCST (Latin America) Co.,Ltd.
Bogotá Carrera
Add: Carrera 29 # 73-45, Bogotá
99932

FCST (Europe) Co.,Ltd.
Constanta Romania
Add: Str. Ciocanilor nr. 12, bloc 18-16
parter, ap. 1
Constanta Romania
90045

Branch Office
Yichun China
Add: No.110 Building, 13, Zhongshan Rd,
Yichun, China 335000
Tel: +86 1872624616
Email: sales@fcst.com

FCST (Indonesia) Co.,Ltd.
Pejagalan Penjarangan
Add: Jl. Jemberan Dua Raya No. 162,
Pejagalan Penjarangan
74521

Headquarter
Shanghai China
Add: Rm402 block A Watts gallop tower
No.2816 YiXian Rd, BaoShan District,
Shanghai China. 200441
Tel: +86-21-38726791 38726792
Email: sales@fcst.com

Manufacturing Base
Zhejiang China
Add: Ditung Sub-district,Yuyao County,
Zhejiang Province 315400

FCST - Better FTTx, Better Life.

At FCST, we manufacture top-quality microduct connectors, microduct closure, telecom manhole chambers and fiber splice boxes since 2003. Our products boast superior resistance to failure, corrosion, and deposits, and are designed for high performance in extreme temperatures. We prioritize sustainability with mechanical couplers and long-lasting durability.

FCST aspires to a more connected world, believing everyone deserves access to high-speed broadband. We're dedicated to expanding globally, evolving our products, and tackling modern challenges with innovative solutions. As technology advances and connects billions more devices, FCST helps developing regions leapfrog outdated technologies with sustainable solutions, evolving from a small company to a global leader in future fiber cable needs.

Rm402 block A Watts gallop tower No.2816 YiXian Rd, BaoShan District, Shanghai 200441.
Tel:+86-21-38726791 +86-21-38726792 Fax:+86-21-38726793