FCST Communication

Better FTTx, Better Life.



October, 2026

Technical Information

FCST-4HC-SC
Push Fit Duct Coupler

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

www.fcst.com

www.microductcoupler.com

Push Fit Duct Coupler

FCST-4HC-SC series is the 3rd generation product developed by FCST for HDPE ducts. The product has passed the air tightness leak test at 250 psi, featuring outstanding corrosion resistance and tolerance to most chemical media. Developed to meet the practical requirements of leading cable duct manufacturers, large utility companies and professional contractors, it is perfectly compatible with both cable jetting and pulling installation methods.

Its compact profile effectively addresses pain points in manholes, narrow trenches and trenching equipment operations. Adopting a convenient push-fit connection structure, it allows easy and efficient installation and removal. Simply push the end of the duct into the coupler to form a locked, airtight joint without any special tools.

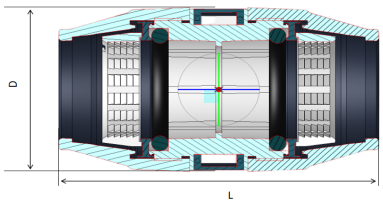


- **Compatible with 1.00"/1.25"/1.50"/2.00" pipes.**
- **Suitable for both cable pulling and jetting applications.**
- **Pre-lubricated O-ring ensures watertight and airtight sealing.**
- **Wide compatibility, the same size fits multiple pipe diameters.**
- **Self-locking ring design enables assembly in seconds and is re-enterable.**
- **Clear midsection provides visibility during installation and eliminates guesswork on site.**
- **Non-metallic construction delivers excellent corrosion resistance for buried or encased applications, with good dielectric properties.**

Product Specifications

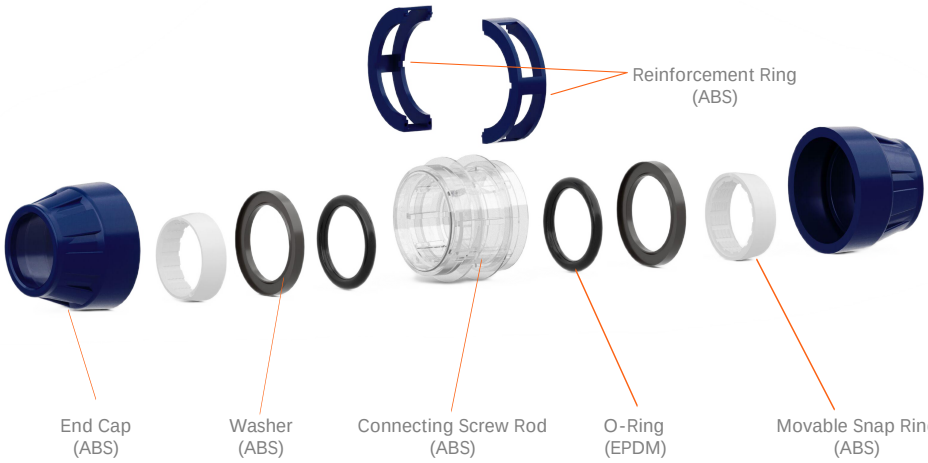
Construction	Description
Material	Body:ABS | Sealing:EPDM
Reference Standard	JT/T496-2018、UL 514B / CSA C22.2 No. 18.3、NEMA TC 7、ASTM F2160
Max. Pressure	250PSI

Ordering Information



Model	D (mm)	OD Working Range(in)	Duct OD	Height (L,in)	Weight(g)
FCST-4HC-SC33.4(1.00")	57.2±0.5	1.305"~1.325"	33.45mm(1.00")	3.6"(91.4mm)	--
FCST-4HC-SC42.2(1.25")	72.3±0.5	1.650"~1.670"	42.20mm(1.25")	5.0"(127.0mm)	184.0±0.1
FCST-4HC-SC48.3(1.50")	82.5±0.5	1.890"~1.910"	48.30mm(1.50")	5.5"(139.7mm)	--
FCST-4HC-SC60.3(2.00")	102.7±0.5	2.365"~2.385"	60.30mm(2.00")	7.0" (177.8mm)	--

Product Material



Related Products


Telecom Manhole Chamber

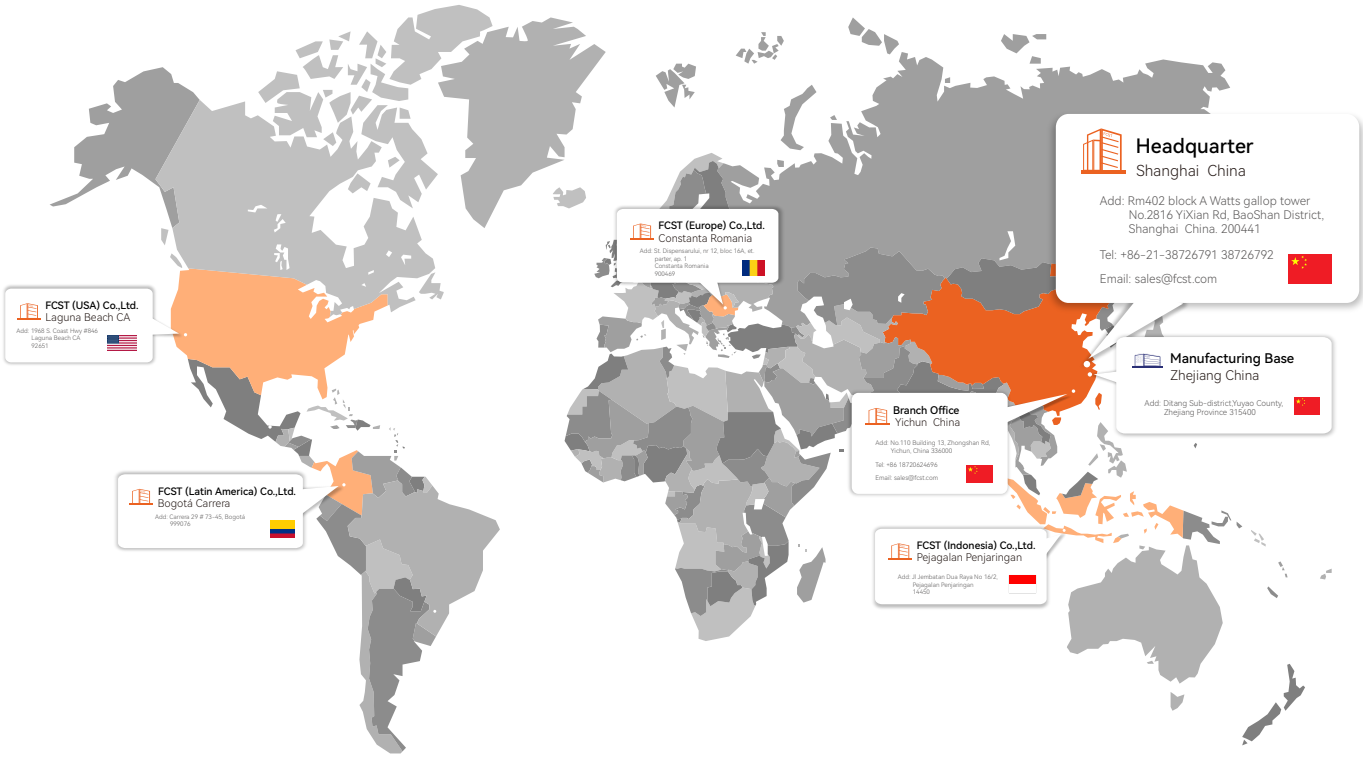

15J DB Microduct Connector


Divisible Duct Sealing


Marker Ball

Better FTTx, Better Life.

Fiber Cable Solution Technology Co.,Ltd.



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 durabili-ty.

FCST aspires to a more connected world, believing everyone deserves access to high-speed broadband. We're dedicat-ed 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

www.fcst.com www.microductcoupler.com