



Better FTTx, Better Life.



November, 2025

Technical Information

FCST-ERS

Push Fit Duct Coupler

M:+86 18720624696

Email:sales@fcst.com

Tel:+86-21-38726791 38726792

www.fcst.com

www.micro-duct.com





Push Fit Duct Coupler

The Push Fit Duct Coupler. Experience the same fast and easy installation of our Push-Lock couplers now with a new, clear body design. Simply push the duct ends into the coupler for a locked and air-sealed assembly. The non-metallic construction provides excellent corrosion resistance in buried or encased applications and also has desirable dielectric properties.



- Compatible with 25/30/32/50mm pipes.
- Pre-lubricated O-ring is water-tight and air-tight.
- Suitable for both cable pulling & jetting applications.
- Self-locking ring design assembles in seconds and is re-enterable.
- Simple, one person 'push-on' assembly lowers installation costs.
- High strength molded plastic body is ideal for buried duct applications.
- The visual confirmation of the pipe within the coupler ensures that it has been properly seated at the center stop.

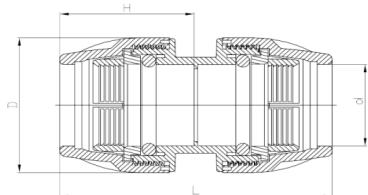


Product Specifications

Construction	Description
Material	PP
Reference Standard	JT/T496-2004、Q/KL020-2005
Appearance	Surface gloss, no impurities, no flash, no bubbles, no cracks, complete thread.
Tensile Resistance(Under Tightened State)	≥4300N
Weight(g)	102.3g(32mm)
High Temperature Resistance	-40°C~+65°C



Ordering Information



Model	D (mm)	d (mm)	H (mm)	L (mm)	Weight(g)
FCST-ERS25	48.5±0.5	26±0.5	45±1	92.5±1	65.6±0.1
FCST-ERS32	56.5±0.5	33±0.5	54±1	111±1	102.3±0.1
FCST-ERS40	70.5±0.5	41.5±0.5	70±1	142±1	203.6±0.1
FCST-ERS42.2(1 1/4, SDR11)	84.5±0.5	44.0±0.5	75±1	152±1	373.9±0.1
FCST-ERS50	84.5±0.5	84.5±0.5	75±1	152±1	319.2±0.1

Related Products



Telecom Manhole Chamber



Microduct Connector



Divisible Duct Sealing

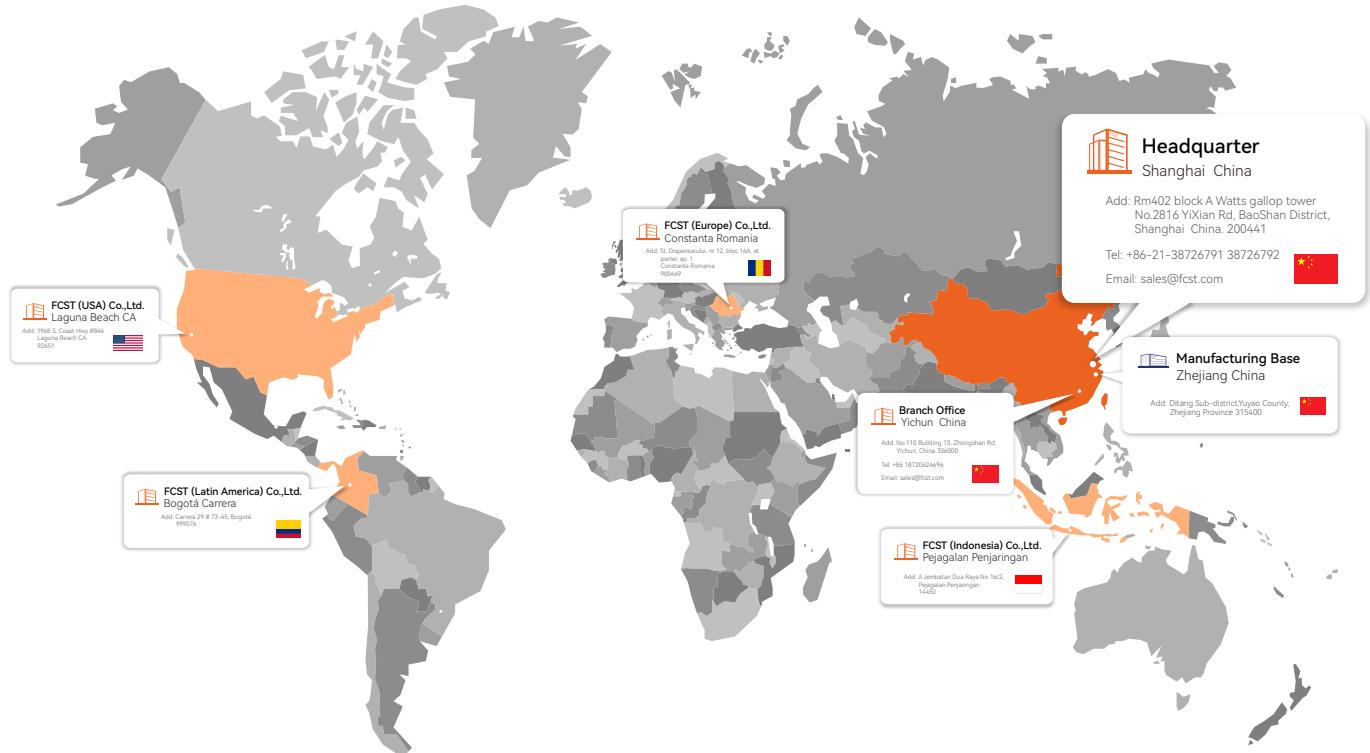


Marker Ball



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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 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

www.fcst.com www.micro-duct.com

