



Better FTTx, Better Life.



July, 2026

Technical Information

FCST-PUEM5 Disk Marker

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Disk Marker

FCST-PUEM5 Disk Marker provides an easy and accurate method of precisely locating flush mounted facilities, which become covered by backfill. The disk marker is easily fastened to the underside of non metallic lids or covers over flush mounted facilities, such as hand holes, manholes and other grade level enclosures during construction and maintenance. Disk Markers are not intended for direct burial.



- Detection range up to <1.5m.
- Locates the exact position of the marker.
- HDPE packaging, resistant to chemical corrosion.
- Withstands a temperature range of -15°C to +60°C.
- Suitable for multiple industries (Water, Sanitary, Telecom, Gas, Electricity, Europower etc).



IP68



Product Specifications

Construction	Description
Product Type	EX.ID version
Frequency	66.35kHz / 77.0kHz / 83kHz / 101.4kHz / 121.6kHz / 134kHz / 145.7kHz / 169.8kHz
Identification Depth	1.5m
Maximum Detectable Depth	1.5 m (EX.ID version)
Service Life	50 years
Diameter	Φ95.6mm 3.764in
Height	36.2mm 1.425in
Material	HDPE
Weight	76.7g
Protection Level	IP68
Storage Temperature	-40°C to +75°C
Operating Temperature	-15°C to +60°C
Flame Retardant Rating	V0
Detector Compatibility	FCST-UML9000 or other detectors with the same frequency (for example: 3M Dynatel series) can read
Packaging Info.	150pcs/cnt 16kg 0.068cbm(527*383*337mm) 12cnt/pallet 210kg 1.132cbm(1180*800*1200mm)



Ordering Information

FCST-PUEM5 Disk Marker --

A

A- Frequency

A1 66.35kHz

A2 77.0 kHz

A3 83.0 kHz

A4 101.4 kHz

A5 121.6 kHz

A6 134.0 kHz

A7 145.7 kHz

A8 169.8 kHz

*Note: The specified model is determined based on optional configurations. For example: FCST-PUEM5--A1.

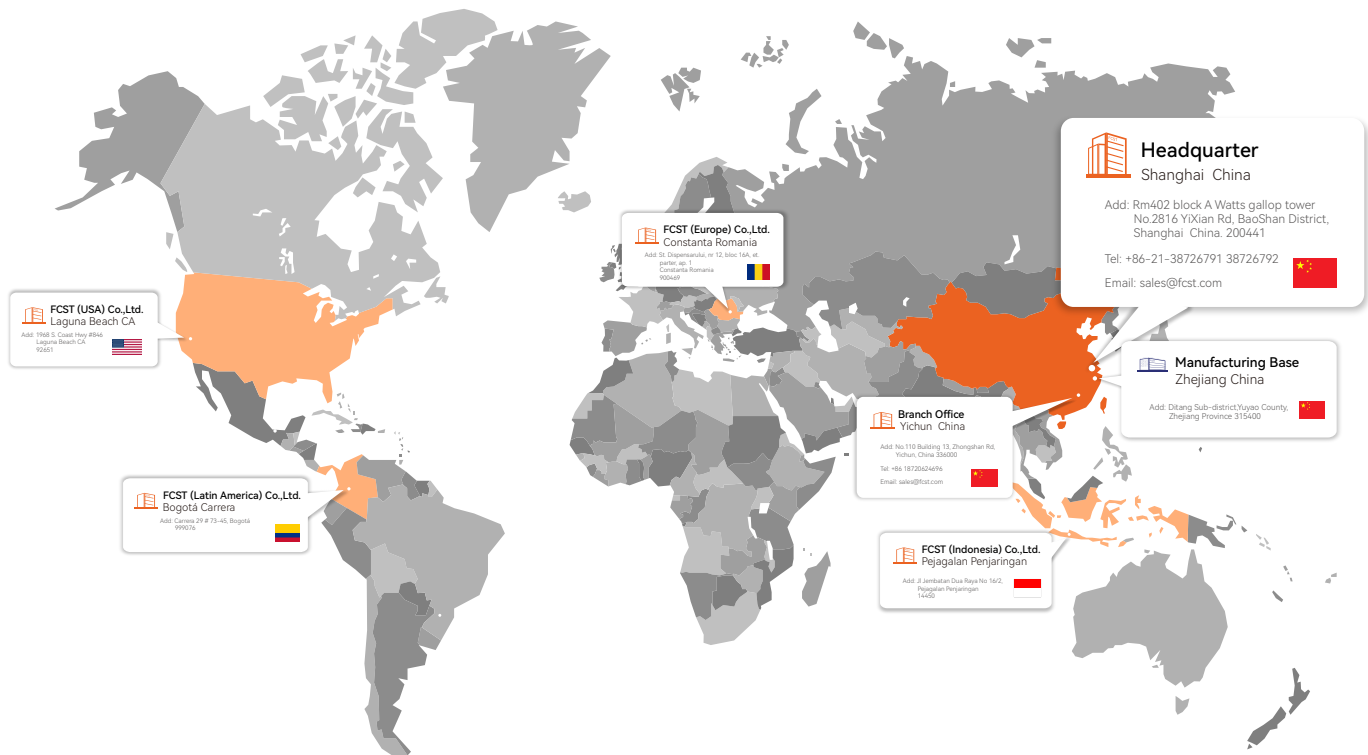
Related Products

	Applications	Frequency	Colour
	Non-Potable Water	66.35kHz	Orange
	Cable TV	77.0kHz	Orange
	Gas	83.0kHz	Orange
	Telecom	101.4kHz	Orange
	Sanitary	121.6kHz	Orange
	Europower	134.0kHz	Orange
	Water	145.7kHz	Orange
	Electricity	169.8kHz	Orange



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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.

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