

## UK DS FIST™-MSC

Issue Number 3

Page 1 of 4



## FIST™-MSC



## Product Description

---

This innovative closure is specially designed to give customers the freedom to respond to future changes while delivering unparalleled reliability. The new closure brings all-in-one versatility to networks because it works with the widest range of cable types while maintaining easy access to the individual fibres within those cables. Where you might need two closures today, with the FIST™ modular splice closure, you will only need one.

## Application

---

Designed for use with various cable constructions, the closures are best suited for feeder and distribution networks. Can be used in underground, ground level and for aerial applications.

## Features

---

### FIST™ fibre-management:

- Transient-free, modular, flexible fibre management
- FIST™ single-circuit and single-element splice trays
- Up to 1,248 splices with standard domes; expandable splice capacity with extra collars
- Storage area for looped cable
- Compatible with all fibre types: G.652D and G.657 series

This document is intended as a guide only. Whilst the information it contains is believed to be correct, Emtelle can take no responsibility for actions taken based on the information contained in this document. Emtelle reserves the right to make changes to this document without notice. All sales of product are subject to Emtelle's terms and conditions of sale only, which can be found on Emtelle's website.

This document is protected by copyright (c) Emtelle Group [2020]. The products depicted are protected by intellectual property rights. Any unauthorized copying of this document or of our products is prohibited and Emtelle UK Limited will take action to prevent any infringement of its rights and to claim damages for the loss that it suffers.

[www.emtelle.com](http://www.emtelle.com)

# UK DS FIST™-MSC

Issue Number 3

Page 2 of 4

Parameter	Slim Element Tray SLE-S
Tray thickness (in UMS units) <sup>1</sup>	1
Maximum number of splices (250µm)	12
Uncut fibre storage	Yes
<b>Fibre length storage (each side of splice)</b>	
Minimum	650mm
Maximum	1200mm
Fibre bend Radius	20mm
<b>Installed (heat shrinkable) splice protector dimensions</b>	
Diameter Ø (mm)	2.4±0.2
Length (mm)	45±2

Abbreviations from above table:

SLE – Slim element tray

S – Heat shrinkable type splice protection holder

## Ordering

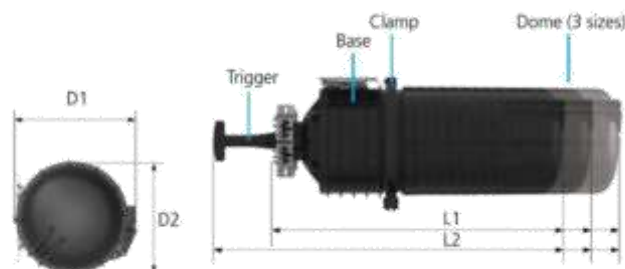
To configure a complete FIST™-MSC closure kit, the following items must be specified and ordered as indicated:

- Closure:** FIST™-MSC closure
- Cable Seals:** Total number of cable seals per closure MUST equal 8.
- Cable Termination units:** Order 1 cable termination unit for each cable; looped cables require 2 cable termination units.
- External cable fixation bracket:** Order 1 per closure.

### High-performance closure:

- Uses FIST™ closure materials
- Base is completely removable, with easy access during installation and provisioning
- Tool-less base install: simply turn and lock pin
- Underground, ground level, and aerial use
- IP68; 5m Waterhead; 40 kPa

Product Code	Dome Version	Dimensions (mm)				Splicing Capacity
		Length (L1)	Length (L2)	Diameter (D1)	Diameter (D2)	
75064	C	622	772	256	291	480
75065	D	700	850	256	291	864
75066	E	810	960	256	291	1248



This document is intended as a guide only. Whilst the information it contains is believed to be correct, Emtelle can take no responsibility for actions taken based on the information contained in this document. Emtelle reserves the right to make changes to this document without notice. All sales of product are subject to Emtelle's terms and conditions of sale only, which can be found on Emtelle's website.

This document is protected by copyright (c) Emtelle Group [2020]. The products depicted are protected by intellectual property rights. Any unauthorized copying of this document or of our products is prohibited and Emtelle UK Limited will take action to prevent any infringement of its rights and to claim damages for the loss that it suffers.

[www.emtelle.com](http://www.emtelle.com)

## UK DS FIST™-MSC

Issue Number 3

Page 3 of 4

### Superior gel seal: (8 gel seals required to complete base section)

- Fully wraparound, 100 percent mechanical seal
- Eight interchangeable base segments
- Click and snap with no screws required
- Field and factory installable
- Easy day two or repair cable installation
- Easy release of gel segments by the un-triggering of the handle

	Cable Outs	Diameter Range	Product code
	8	1-5	75067
	4	4-11	75068
	3	6-14	75069
	2	13-19 18-22	75070
	1	21-27	75072
	Dummy	-	75073

This document is intended as a guide only. Whilst the information it contains is believed to be correct, Emtelle can take no responsibility for actions taken based on the information contained in this document. Emtelle reserves the right to make changes to this document without notice. All sales of product are subject to Emtelle's terms and conditions of sale only, which can be found on Emtelle's website.

This document is protected by copyright (c) Emtelle Group [2020]. The products depicted are protected by intellectual property rights. Any unauthorized copying of this document or of our products is prohibited and Emtelle UK Limited will take action to prevent any infringement of its rights and to claim damages for the loss that it suffers.

[www.emtelle.com](http://www.emtelle.com)




## UK DS FIST™-MSC

Issue Number 3


Page 4 of 4

### Industry-leading cable fixation: (One CTU required per cable)



- Universal termination for 1-27 mm cables
- Full wraparound and remote cable preparation and CTU (cable termination unit) installation
- Integrated grounding feature for easy grounding wire attachment
- Possible to open gel segments with cable retention in place
- Only one hex wrench needed

	Description	Diameter (mm)	Product Code
	Fibre Closure Cable Termination unit, small	Up to 7mm	75059
	Fibre Closure Cable Termination unit, large	Up to 16mm	75058
	Fibre Closure Cable Termination unit, giant	Up to 27mm	75076

### Cable Fixation Bracket:

	Description	Product Code
	Cable Fixation Bracket	75078

### FIST Splice Trays:

	Description	Diameter (mm)	Product Code
	FIST-SOSA2-4SLE-S	FIST™ Splice Sub-assembly kit with 4 slim element trays, each for holding up to 12 primary coated fibers, with Heat Shrink type splice holder	75431
	FIST-SOSA2-8SLE-S	FIST™ Splice Sub-assembly kit with 4 slim element trays, each for holding up to 12 primary coated fibers, with Heat Shrink type splice holder	75121

This document is intended as a guide only. Whilst the information it contains is believed to be correct, Emtelle can take no responsibility for actions taken based on the information contained in this document. Emtelle reserves the right to make changes to this document without notice. All sales of product are subject to Emtelle's terms and conditions of sale only, which can be found on Emtelle's website.

This document is protected by copyright (c) Emtelle Group [2020]. The products depicted are protected by intellectual property rights. Any unauthorized copying of this document or of our products is prohibited and Emtelle UK Limited will take action to prevent any infringement of its rights and to claim damages for the loss that it suffers.

[www.emtelle.com](http://www.emtelle.com)