



# FIST-SOSA2 High Density Organizers

## Dual Circuit and Slim Element Trays

Splicing sub-assemblies are essential building blocks that allow the user to build a variety of networks.

TE Connectivity has developed a sub-assembly portfolio with high density that is especially interesting for the FTTH market. These advanced fiber organizers increase fiber storage up to twice the current capacity for all FIST products by using new fiber types, splice protectors and/or splicing techniques.

### Features

#### General

- Total fiber management
- Full fiber containment
- Full bend radius control
- Physical protection
  - Independent of any cable construction
  - Loop-back facility allowing for single circuit uncut looped fiber storage on the tray (except for DC-MS tray)

#### Dual circuit tray

- Foldable single circuit tray
- 2 single circuits for up to 4 splices / circuit
- Footprint of 1 UMS or standard Single Circuit tray
- Wraparound hinge for SMOUV 45 version
- Feed-through hinge for micro SMOUV version
- 25mm bend radius control

#### Slim element tray

- 3 versions
  - Heat shrinkable splice protection type holder for up to 12 fiber splices
  - Heat shrinkable splice protection type holder for up to 9 fiber splices + universal 1x4/1x8 splitter holder
  - ANT splice protection type holder for up to 12 fiber splices

# FIST-SOSA2- X XX - X

## Type of splice holders

- MS** Micro heat shrinkable type splice protection holder
- S** Heat shrinkable type splice protection holder
- C** Heat shrinkable type splice protection holder + 1 universal 1x8 splitter holder (only for SLE tray)
- A** ANT type splice protection holder (only for SLE tray)

## Type of trays

- DC** Foldable dual circuit tray
- SLE** Slim element tray

## Number of trays

4 or 8

## Capacities

Parameter	Dual Circuit Tray DC-S	Dual Circuit Tray DC-MS	Slim Element Tray SLE-S	Slim Element Tray SLE-C	Slim Element Tray SLE-A
Tray thickness (in UMS units) <sup>1</sup>	1	1	1	1	1
Maximum number of splices (250 µm)	2 x 2	2 x 4	12	9	12
Uncut fiber storage	Yes	No	Yes	Yes	Yes
<b>Fiber length storage (each side of splice)</b>					
Minimum	900 mm	900 mm	650 mm	650 mm	650 mm
Maximum	1200 mm	1200 mm	1200 mm	1200 mm	1200 mm
Fiber bend radius	25 mm	25 mm	20 mm	20 mm	30 mm
<b>Installed (heat shrinkable) splice protector dimensions</b>					
Diameter Ø (mm)	2,4 ± 0,2	1,25 ± 0,1	2,4 ± 0,2	2,4 ± 0,2	N.A.
Length (mm)	45 ± 2	30 ± 1	45 ± 2	45 ± 2	N.A.
<b>Splitter capacity<sup>2</sup></b>					
1 x 8/1 x 4	N.A.	N.A.	N.A.	1	N.A.
<b>Installed splitter dimensions<sup>2</sup></b>					
Minimum height	N.A.	N.A.	N.A.	3,6 mm	N.A.
Maximum height	N.A.	N.A.	N.A.	4,1 mm	N.A.
Minimum width	N.A.	N.A.	N.A.	3,6 mm	N.A.
Maximum width	N.A.	N.A.	N.A.	4,1 mm	N.A.
Minimum length	N.A.	N.A.	N.A.	39,3 mm	N.A.
Maximum length	N.A.	N.A.	N.A.	42,6 mm	N.A.

<sup>1</sup> The length of the FIST-SOSA2, the space of the organizer tray on the groove plate and the available space on the Fiber Arrangement System is expressed in UMS units (One UMS unit is equal to 6 mm)

<sup>2</sup> Bare splitter (250 µm) in A-housing

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