

FOS

FIBRE OPTIC SOLUTIONS

Splice closures







General information:




Contained in the following pages is the Cable Ways current range of fibre optic products and solutions for a variety of environmental and applications.




Fibre optic join closures




Combine mechanical seals and heat-shrinkable sleeves. It is designed to use with any cable construction in any environments (aerial, pedestal, buried and manhole).







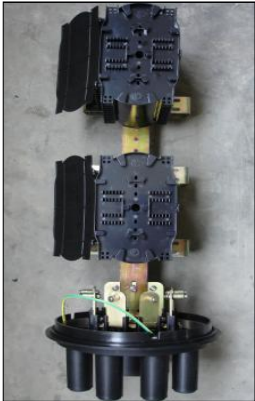


Tray A	Tray B	Tray S-1	Tray S-2
			

Model #	Picture	Specification	Remarks
FSJS03A-144		<p>Height: 53cm, Base diameter:16cm Closet ring dia. :21cm Splice tray A</p> <p>4 small holes +1 oval hole</p> <p>The diameter of the small holes is 20 mm. The major axis of the oval hole (inside wall) is 60 mm, and the shorter axis of the oval hole is 40mm.</p> 	<ol style="list-style-type: none"> 1. The optical fibres are taken in from the middle of splicing trays 2. 6 pieces of splice trays (24 fibres per splice tray) <p>Max Capacity:24×6=144 fibres</p>
FSJS03B-144		<p>Height:53cm, Base diameter:16cm closet ring dia. :21cm Splice tray B</p> <p>4 small holes +1 oval hole</p> <p>The diameter of the small holes is 20 mm. The major axis of the oval hole (inside wall) is 60 mm, and the shorter axis of the oval hole is 40 mm.</p>	<ol style="list-style-type: none"> 1. The optical fibres are taken in from the middle of splicing trays 2. 6 pieces of splice trays (24 fibres per splice tray) <p>Max Capacity:24×6=144 fibres</p>

Model #	Picture	Specification	Remarks
<p>FSJS03S1-144</p>		<p>Height:53cm, Base diameter:16cm closet ring dia. :21cm Splice tray S-1</p> <p>4 small holes +1 oval hole</p> <p>The diameter of the small holes is 20 mm. The major axis of the oval hole (inside wall) is 60 mm, and the shorter axis of the oval hole is 40 mm.</p>	<p>1. The optical fibres are taken in from the middle of splicing trays 2. 6 pieces of splice trays (24 fibres per splice tray) Max Capacity:24×6=144 fibres</p>
<p>FSJS03S2-144</p>		<p>Height:53cm, Base diameter:16cm closet ring dia. :21cm Splice tray S-2</p> <p>4 small holes +1 oval hole</p> <p>The diameter of the small holes is 20 mm. The major axis of the oval hole (inside wall) is 60 mm, and the shorter axis of the oval hole is 40 mm.</p>	<p>1. The optical fibres are taken in from the middle of splicing trays 2. 6 pieces of splice trays (24 fibres per splice tray) Max Capacity:24×6=144 fibres</p>
<p>FSJS03SGS1/S2-96</p>		<p>Height: 42cm, Base diameter:16cm closet ring dia. :21cm Splice tray S-1 or S-2</p> <p>8 small holes +1 oval hole</p> <p>The diameter of the small holes is 10 mm. The major axis of the oval hole (inside wall) is 60 mm, and the shorter axis of the oval hole is 40 mm.</p>	<p>1. The optical fibres are taken in from the middle of splicing trays 2. 4 pieces of splice trays (24 fibers per splice tray) Max Capacity:24×4=96 fibres</p>

Model #	Picture	Specification	Remarks
<p>FSJS03SHA/ B-144</p>		<p>Height: 53cm, Base diameter:16cm closet ring dia. :21cm Splice tray S-1 or S-2</p> <p>8 small holes +1 oval hole</p> <p>The diameter of the small holes is 10 mm. The major axis of the oval hole (inside wall) is 60 mm, and the shorter axis of the oval hole is 40 mm.</p>	<p>1. The optical fibres are taken in from the middle of splicing trays 2. 4 pieces of splice trays (24 fibres per splice tray) Max Capacity:24×4=144 fibres</p>
<p>FSJS03DASB- 96/288 (Storage Basket to manage extra fibre)</p>		<p>Height: 53cm, Base diameter:16cm Closet ring dia.:21cm Splice tray A</p> <p>4 small holes +1 oval hole</p> <p>The diameter of the small holes is 20 mm. The major axis of the oval hole (inside wall) is 60 mm, and the shorter axis of the oval hole is 40 mm.</p>	<p>1.Max. capacity: single fibre: 96 fibers/ribbon:288 fibres 2. Four pieces of splice trays</p>
<p>FSJS03DBSB- 96/288</p>		<p>Height: 53cm, Base diameter:16cm Closet ring dia.:21cm Splice tray B</p> <p>4 small holes +1 oval hole</p> <p>The diameter of the small holes is 20 mm. The major axis of the oval hole (inside wall) is 60 mm, and the shorter axis of the oval hole is 40 mm.</p>	<p>1.Max. capacity: single fibre: 96 fibers/ribbon:288 fibres 2. Four pieces of splice trays</p>

Model #	Picture	Specification	Remarks
<p>FSJS03FA-216</p>		<p>Height: 56cm, Base diameter:17.5cm Closet ring dia.:22cm Splice tray A</p> <p>5 small holes +1 oval hole</p> <p>The major axis of the oval hole (inside wall) is 80 mm, and the shorter axis of the oval hole is 45 mm.</p> 	<p>1. Max. capacity: single fibre: 216 2. 9 pieces of splice trays</p>
<p>FSJS03FB-240</p>		<p>Height: 56cm, Base diameter:17.5 cm Closet ring dia.:22cm Splice tray B</p> <p>5 small holes +1 oval hole</p> <p>The diameter of the small holes is 20 mm. The major axis of the oval hole (inside wall) is 80 mm, and the shorter axis of the oval hole is 45 mm.</p> <p>The optical fibers are taken in from two sides of splicing trays</p>	<p>1. Max. capacity: single fibre:240 2. 10 pieces of splice trays</p>
<p>FSJS03E-576</p>		<p>Height: 71 cm, Base diameter:28 cm Closet ring dia.:29.6cm Splice tray A</p> <p>5 small holes +1 oval hole</p> <p>The diameter of the small holes is 33 mm. The major axis of the oval hole (inside wall) is 60 mm, and the shorter axis of the oval hole is 40 mm.</p>	<p>1. Max. capacity: single fibre: 216 2.9 pieces of splice trays</p>

Model #	Picture	Specification	Remarks
<p>FSJS03BS-576</p>		<p>Height: 71 cm, Base diameter:21 cm Closet ring dia.:29.6cm</p> <p>6 small holes +1 oval hole</p> <p>The diameter of the small holes is 26 mm. The major axis of the oval hole (inside wall) is 96 mm, and the shorter axis of the oval hole is 52 mm.</p> 	<p>FSJS03BS-576- is a dome type fibre optic splice closure which has a large capacity, from 96 fibres to 576 fibres (single fibre);for ribbon type, it can be up to over 1000 fibres.</p> <ol style="list-style-type: none"> 1. The splice trays are fixed overlapped. 2. Base-to-dome seals on FOSC are mechanical and heat-shrinkable for ease of installation and reentry. 3. No special tools are needed to open the closure, and it can be opened and used repeatedly.
<p>FSJS03SS-576</p>		<p>Height: 56 cm, Base diameter:17.5 cm Closet ring dia.:22 cm Splice tray A</p> <p>5 small holes +1 oval hole</p> <p>The diameter of the small holes is 20 mm. The major axis of the oval hole (inside wall) is 80 mm, and the shorter axis of the oval hole is 45 mm.</p>	<ol style="list-style-type: none"> 1. The splice trays are fixed overlapped. 2. Base-to-dome seals on FOSC are mechanical and heat-shrinkable for ease of installation and reentry. 3. No special tools are needed to open the closure, and it can be opened and used repeatedly.

Fibre Optic Closure FSJSMSM-96 (Mechanical Sealing Type)



tray 8512 (LxWxH: 227x92x11mm)
tray 8412 (LxWxH: 227x92x8.5mm)

Sealing ring

Plastic hoop

Specification

- Easy to re-enter, it never requires re-entry tool kit.
- The strong housing provide fire resistant, waterproof and quakeproof while protecting splices during pulling, torsioning and impacting
- Design flexibility and high reliable sealing system
- Cable sealing method: **mechanical sealing type**

Ordering information

Model No.	Fibre Optic Splice Tray (FOST)	Total Capacity (fibres)	Dimension (HxD)mm	Cable Entry
FSJSMSMI-96	1-4 pieces of tray 8512 with 12 or 24 fibres per tray	48 or 96	415x206	4 small round ports with ϕ 21.50mm
FSJSMSMII-96	1-6 pieces of tray 8412 with 12 per tray	72		

Application

- It can be used in straight-through and branching application
- It can be used in aerial, underground, direct buried, wall-mounting, hand hole and duct mounting application.
- It can be mounted on a pole, wall or strand.

Accessories

The accessories included in the FOSC: earthing wire, nylon tie, emery paper, buffer tube, metal hoop, sealing tape, insulation tape, special wrench, earthing ground, pressure testing valve.

Fibre Optic Closure FSJSMSL-144 (Mechanical Sealing Type)



Tray 8524 (LxWxH: 278x112x10mm)



Tray 8412 (LxWxH: 227x92x8.5mm)



Sealing ring



Plastic hoop

Specification

- Easy to re-enter, it never requires re-entry tool kit.
Material: PP
- The strong housing provide fire resistant, waterproof and quakeproof while protecting splices during pulling, torsioning and impacting
- Design flexibility and high reliable sealing system

Application

- It can be used in straight-through and branching application
- It can be used in aerial, underground, direct buried, wall-mounting, hand hole and duct mounting application.
- it can be mounted on a pole, wall or strand.

Ordering information

Model No.	Fibre Optic Splice Tray (FOST)	Total Capacity (fibres)	Dimension (HxD)mm	Cable Entry
FSJSMSLIII-144	1-6 pieces of tray 8524 with 24 fibres per tray	144	510x230	4 small round ports with $\Phi 21.50\text{mm}$
FSJSMSLII-96	1-8 pieces of tray 8412 with 12 fibres per tray	96		1 large round port for uncut cable

Accessories

The accessories included in the FOSC: earthing wire, nylon tie, emery paper, buffer tube, metal hoop, sealing tape, insulation tape, special wrench, earthing ground, pressure testing valve.

New Zealand

Cable Ways Limited
12 Lansford Crescent, Avondale 0600
PO Box 60011 Titirangi 0642
Auckland, New Zealand
sales@cableways-group.com
Ph + 64 9 820 5220
Fax + 64 9 820 6220

Singapore

Cable Ways Asia Pacific Pte Limited
Nº 65, Ubi Crescent
Nº 07-05, Hola Centre
Singapore 408559
sales@cableways-asia.com
Ph +65 6743 1052
Fax +65 6547 8362

United Kingdom

Cable Ways Europe Limited
Castlefields, Stafford
ST161BU, United Kingdom
sales@cableways-europe.com
Ph + 44 1785 785 520



Web cable-ways.co.nz