



Description

HUBNETIX LANLINE HLX-FOSC83-1 optical splice closures are used to distribute, splice, and store the outdoor optical cables which enter and exit from the ends of the closure. There are two connection ways: direct connection and splitting connection. They are applicable to situations such as overhead, man-well of pipeline, embedded situation etc. Comparing with terminal box, the closure requires much stricter requirement of seal. Sealing ring and air valve are required for closure, but that are not necessary for terminal box.

- The closure casing is made of quality engineering plastics, and of good performance of anti-erosion against acid and alkali salt, anti-aging, as well as smooth appearance and reliable mechanical structure
- The mechanical structure is reliable and has the performance of resisting wild environment and intensive climate changes and serious working environment. The protection grade reaches IP66
- The closures are applicable to ribbon type optical cable and common optical cable
- The splice trays inside the closure are turnable like booklets, and have adequate curvature radius and space for winding optical Fibre to make sure the curvature radius for optical winding 40mm. Each optical cable and Fibre can be operated individually
- The closure is of small volume, big capacity and convenient maintenance
- The elastic rubber seal rings inside the closure are of good sealing and sweat-proof performance
- The casing can be opened repeatedly without air leakage. No special tools are required. The operation is easy and simple. The air valve is provided for the closure and used to check the sealing performance

Dimensions and Capability	
Dimensions (L x W x H)	420mm x 145mm x 145mm
Max Capacity	Bundle 96 Cores, Ribbon 320 Cores
Number of Cable Entrance/Exit	2/2
Diameter of Cable	Less than Φ20mm

Operation Conditions	
Temperature	-40°C ~ +60°C
Humidity	≤95% (at 40°C)
Air Pressure	70kPa ~106kPa



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Technical Specifications

- Seal performance: after the box is sealed, inflate to 100kPa inwards (inflation only apply to the models with the air hole), and then soak it in the water of normal temperature, after 15 minutes of steady observation, there is no bubble to overflow
- Insulation resistance: the insulation resistance between the metal work piece and the earth is greater than 20kMΩ
- Pressurization: there is no breakdown or flashover under 15kVdc/1min between the metal work piece and the earth
- The curvature radius of the Fibre 40mm, without extra loss inside the splice tray
- It can bear the axial tensile strength no less than 1000N
- Lifetime: 25 years
- Other performances are all in accordance with the requirement of standard YD/T814-1998

Shipping Information	
Package Contents	Closure- 1 unit, Installation accessories- 1 set
Package Dimensions (L x W x H)	445mm x 160mm x 160mm

Part Details



More Relevant Designs For Your Reference								
Model Dimensions (H x W x D) mm		Capacity				Entries		Cable Diameter
	Bundle	E.W	Ribbon	E.W	Standard Entries	E.W	(mm)	
HLX-FOSC83-1	420 x 145 x 145	96	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-2	460 x 265 x 145	144	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-3	480(L) x Ø150	72	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-4	660 x 220 x 178	192	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-5	650(L) x Ø235	192	144	560	480	3 in - 3 out	1 in - 1 out	< Ø20 (Ø23 for E.W)
HLX-FOSC83-6	500(L) x Ø171	144	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-7	450 x 200 x 125	96	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-8	392 x 152 x 54	24	N/A	144	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-9B	500(L) x Ø171	72	144	320	480	2 in - 2 out	1 in - 1 out	< Ø20 (Ø23 for E.W)
HLX-FOSC83-10	275(L) x Ø148	12	N/A	N/A	N/A	2 in - 2 out	N/A	< Ø13.6
HLX-FOSC83-11	400 x 60 x 130	N/A	N/A	12	N/A	1 in - 1 out	N/A+	<Ø6

HUBNETIX CORPORATION

71-75, Shelton Street, London, UK. www.hubnetix.com







HUBNETIX LANLINE HLX-FOSC83-2 optical splice closures are used to distribute, splice, and store the outdoor optical cables which enter and exit from the ends of the closure. There are two connection ways: direct connection and splitting connection. They are applicable to situations such as overhead, man-well of pipeline, embedded situation etc. Comparing with terminal box, the closure requires much stricter requirement of seal. Sealing ring and air valve are required for closure, but that are not necessary for terminal box.

- The closure casing is made of quality engineering plastics, and of good performance of anti-erosion against acid and alkali salt, anti-aging, as well as smooth appearance and reliable mechanical structure
- The mechanical structure is reliable and has the performance of resisting wild environment and intensive climate changes and serious working environment. The protection grade reaches IP66
- The closures are applicable to ribbon type optical cable and common optical cable
- The splice trays inside the closure are turnable like booklets, and have adequate curvature radius and space for winding optical Fibre to make sure the curvature radius for optical winding 40mm. Each optical cable and Fibre can be operated individually
- The closure is of small volume, big capacity and convenient maintenance
- The elastic rubber seal rings inside the closure are of good sealing and sweat-proof performance
- The casing can be opened repeatedly without air leakage. No special tools are required. The operation is easy and simple. The air valve is provided for the closure and used to check the sealing performance

Dimensions and Capability	
Dimensions (L x W x H)	460mm x 260mm x 145mm
Max Capacity	Bundle 144 Cores; Ribbon 480 Cores
Number of Cable Entrance/Exit	3/3
Diameter of Cable	Less than Φ20mm

Operation Conditions	
Temperature	-40°C ~ +60°C
Humidity	≤95% (at 40°C)
Air Pressure	70kPa~106kPa





Technical Specifications

- Seal performance: after the box is sealed, inflate to 100kPa inwards (inflation only apply to the models with the air hole), and then soak it in the water of normal temperature, after 15 minutes of steady observation, there is no bubble to overflow
- Insulation resistance: the insulation resistance between the metal work piece and the earth is greater than $20 \text{kM}\Omega$
- Pressurization: there is no breakdown or flashover under 15kVdc/1min between the metal work piece and the earth
- The curvature radius of the Fibre 40mm, without extra loss inside the splice tray
- It can bear the axial tensile strength no less than 1000N
- Lifetime: 25 years
- Other performances are all in accordance with the requirement of standard YD/T814-1998

Shipping Information	
Package Contents	Closure- 1 unit, Installation accessories- 1 set
Package Dimensions (L x W x H)	510mm x 280mm x 180mm

Part Details



Model Dimensions (H x W x D) mm	Dimensions	Capacity				Entries		Cable Diameter
	Bundle	E.W	Ribbon	E.W	Standard Entries	E.W	(mm)	
HLX-FOSC83-1	420 x 145 x 145	96	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-2	460 x 265 x 145	144	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-3	480(L) x Ø150	72	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-4	660 x 220 x 178	192	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-5	650(L) x Ø235	192	144	560	480	3 in - 3 out	1 in - 1 out	< Ø20 (Ø23 for E.W)
HLX-FOSC83-6	500(L) x Ø171	144	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-7	450 x 200 x 125	96	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-8	392 x 152 x 54	24	N/A	144	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-9B	500(L) x Ø171	72	144	320	480	2 in - 2 out	1 in - 1 out	< Ø20 (Ø23 for E.W)
HLX-FOSC83-10	275(L) x Ø148	12	N/A	N/A	N/A	2 in - 2 out	N/A	< Ø13.6
HLX-FOSC83-11	400 x 60 x 130	N/A	N/A	12	N/A	1 in - 1 out	N/A+	< Ø6

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HUBNETIX LANLINE HLX-FOSC83-3 optical splice closures are used to distribute, splice, and store the outdoor optical cables which enter and exit from the ends of the closure. There are two connection ways: direct connection and splitting connection. They are applicable to situations such as overhead, man-well of pipeline, embedded situation etc. Comparing with terminal box, the closure requires much stricter requirement of seal. Sealing ring and air valve are required for closure, but that are not necessary for terminal box.

- The closure casing is made of quality engineering plastics, and of good performance of anti-erosion against acid and alkali salt, anti-aging, as well as smooth appearance and reliable mechanical structure
- The mechanical structure is reliable and has the performance of resisting wild environment and intensive climate changes and serious working environment. The protection grade reaches IP66
- The closures are applicable to ribbon type optical cable and common optical cable
- The splice trays inside the closure are turnable like booklets, and have adequate curvature radius and space for winding optical Fibre to make sure the curvature radius for optical winding 40mm. Each optical cable and Fibre can be operated individually
- The closure is of small volume, big capacity and convenient maintenance
- The elastic rubber seal rings inside the closure are of good sealing and sweat-proof performance
- The casing can be opened repeatedly without air leakage. No special tools are required. The operation is easy and simple. The air valve is provided for the closure and used to check the sealing performance

Dimensions and Capability	
Dimensions (L x W x H)	480(L) x Φ150
Max Capacity	Bundle 72 Cores, Ribbon 320 Cores
Number of Cable Entrance/Exit	2/2
Diameter of Cable	Less than Φ20mm

Operation Conditions	
Temperature	-40°C ~ +60°C
Humidity	≤95% (at 40°C)
Air Pressure	70kPa~106kPa





Technical Specifications

- Seal performance: after the box is sealed, inflate to 100kPa inwards (inflation only apply to the models with the air hole), and then soak it in the water of normal temperature, after 15 minutes of steady observation, there is no bubble to overflow
- Insulation resistance: the insulation resistance between the metal work piece and the earth is greater than 20kMΩ
- Pressurization: there is no breakdown or flashover under 15kVdc/1min between the metal work piece and the earth
- The curvature radius of the Fibre 40mm, without extra loss inside the splice tray
- It can bear the axial tensile strength no less than 1000N
- Lifetime: 25 years
- Other performances are all in accordance with the requirement of standard YD/T814-1998

Shipping Information	
Package Contents	Closure- 1 unit, Installation accessories- 1 set
Package Dimensions (L x W x H)	510mm x 215mm x 225mm

Part Details



Dimensions	Capacity				Entries		Cable Diameter	
Model	(H x W x D) mm	Bundle	E.W	Ribbon	E.W	Standard Entries	E.W	(mm)
HLX-FOSC83-1	420 x 145 x 145	96	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-2	460 x 265 x 145	144	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-3	480(L) x Ø150	72	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-4	660 x 220 x 178	192	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-5	650(L) x Ø235	192	144	560	480	3 in - 3 out	1 in - 1 out	< Ø20 (Ø23 for E.W)
HLX-FOSC83-6	500(L) x Ø171	144	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-7	450 x 200 x 125	96	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-8	392 x 152 x 54	24	N/A	144	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-9B	500(L) x Ø171	72	144	320	480	2 in - 2 out	1 in - 1 out	< Ø20 (Ø23 for E.W)
HLX-FOSC83-10	275(L) x Ø148	12	N/A	N/A	N/A	2 in - 2 out	N/A	< Ø13.6
HLX-FOSC83-11	400 x 60 x 130	N/A	N/A	12	N/A	1 in - 1 out	N/A+	< Ø6

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HUBNETIX LANLINE HLX-FOSC83-4 optical splice closures are used to distribute, splice, and store the outdoor optical cables which enter and exit from the ends of the closure. There are two connection ways: direct connection and splitting connection. They are applicable to situations such as overhead, man-well of pipeline, embedded situation etc. Comparing with terminal box, the closure requires much stricter requirement of seal. Sealing ring and air valve are required for closure, but that are not necessary for terminal box.

- The closure casing is made of quality engineering plastics, and of good performance of anti-erosion against acid and alkali salt, anti-aging, as well as smooth appearance and reliable mechanical structure
- The mechanical structure is reliable and has the performance of resisting wild environment and intensive climate changes and serious working environment. The protection grade reaches IP66
- The closures are applicable to ribbon type optical cable and common optical cable
- The splice trays inside the closure are turnable like booklets, and have adequate curvature radius and space for winding optical Fibre to make sure the curvature radius for optical winding 40mm. Each optical cable and Fibre can be operated individually
- The closure is of small volume, big capacity and convenient maintenance
- The elastic rubber seal rings inside the closure are of good sealing and sweat-proof performance
- The casing can be opened repeatedly without air leakage. No special tools are required. The operation is easy and simple. The air valve is provided for the closure and used to check the sealing performance

Dimensions and Capability	
Dimensions (L x W x H)	660mm x 220mm x 178mm
Max Capacity	Bundle 192 Cores; Ribbon 480 Cores
Number of Cable Entrance/Exit	3/3
Diameter of Cable	Less than Φ20mm

Operation Conditions	
Temperature	-40°C ~ +60°C
Humidity	≤95% (at 40°C)
Air Pressure	70kPa~106kPa





Technical Specifications

- Seal performance: after the box is sealed, inflate to 100kPa inwards (inflation only apply to the models with the air hole), and then soak it in the water of normal temperature, after 15 minutes of steady observation, there is no bubble to overflow
- Insulation resistance: the insulation resistance between the metal work piece and the earth is greater than 20kMΩ
- Pressurization: there is no breakdown or flashover under 15kVdc/1min between the metal work piece and the earth
- The curvature radius of the Fibre 40mm, without extra loss inside the splice tray
- It can bear the axial tensile strength no less than 1000N
- Lifetime: 25 years
- Other performances are all in accordance with the requirement of standard YD/T814-1998

Shipping Information	
Package Contents	Closure- 1 unit, Installation accessories- 1 set
Package Dimensions (L x W x H)	675mm x 240mm x 190mm

Part Details



Model Dimensions (H x W x D) mm	Dimensions	Capacity				Entries		Cable Diameter
	Bundle	E.W	Ribbon	E.W	Standard Entries	E.W	(mm)	
HLX-FOSC83-1	420 x 145 x 145	96	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-2	460 x 265 x 145	144	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-3	480(L) x Ø150	72	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-4	660 x 220 x 178	192	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-5	650(L) x Ø235	192	144	560	480	3 in - 3 out	1 in - 1 out	< Ø20 (Ø23 for E.W)
HLX-FOSC83-6	500(L) x Ø171	144	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-7	450 x 200 x 125	96	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-8	392 x 152 x 54	24	N/A	144	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-9B	500(L) x Ø171	72	144	320	480	2 in - 2 out	1 in - 1 out	< Ø20 (Ø23 for E.W)
HLX-FOSC83-10	275(L) x Ø148	12	N/A	N/A	N/A	2 in - 2 out	N/A	< Ø13.6
HLX-FOSC83-11	400 x 60 x 130	N/A	N/A	12	N/A	1 in - 1 out	N/A+	< Ø6

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HUBNETIX LANLINE HLX-FOSC83-5 optical splice closures are used to distribute, splice, and store the outdoor optical cables which enter and exit from the ends of the closure. There are two connection ways: direct connection and splitting connection. They are applicable to situations such as overhead, man-well of pipeline, embedded situation etc. Comparing with terminal box, the closure requires much stricter requirement of seal. Sealing ring and air valve are required for closure, but that are not necessary for terminal box.

- The closure casing is made of quality engineering plastics, and of good performance of anti-erosion against acid and alkali salt, anti-aging, as well as smooth appearance and reliable mechanical structure
- The mechanical structure is reliable and has the performance of resisting wild environment and intensive climate changes and serious working environment. The protection grade reaches IP66
- The closures are applicable to ribbon type optical cable and common optical cable
- The splice trays inside the closure are turnable like booklets, and have adequate curvature radius and space for winding optical Fibre to make sure the curvature radius for optical winding 40mm. Each optical cable and Fibre can be operated individually
- The closure is of small volume, big capacity and convenient maintenance
- The elastic rubber seal rings inside the closure are of good sealing and sweat-proof performance
- The casing can be opened repeatedly without air leakage. No special tools are required. The operation is easy and simple. The air valve is provided for the closure and used to check the sealing performance

Dimensions and Capability	
Dimensions (L x W x H)	650(L) x Φ235
Max Capacity	Bundle 192 Cores; Ribbon 560 Cores
Number of Cable Entrance/Exit	3 In - 3 Out PLUS An Extra Window of 1 In 1 Out
Diameter of Cable	Less than Φ20mm (Φ23mm for the extra window)

Operation Conditions	
Temperature	-40°C ~ +60°C
Humidity	≤95% (at 40°C)
Air Pressure	70kPa~106kPa





Technical Specifications

- Seal performance: after the box is sealed, inflate to 100kPa inwards (inflation only apply to the models with the air hole), and then soak it in the water of normal temperature, after 15 minutes of steady observation, there is no bubble to overflow
- Insulation resistance: the insulation resistance between the metal work piece and the earth is greater than 20kMΩ
- Pressurization: there is no breakdown or flashover under 15kVdc/1min between the metal work piece and the earth
- The curvature radius of the Fibre 40mm, without extra loss inside the splice tray
- It can bear the axial tensile strength no less than 1000N
- Lifetime: 25 years
- Other performances are all in accordance with the requirement of standard YD/T814-1998

Shipping Information	
Package Contents	Closure- 1 unit, Installation accessories- 1 set
Package Dimensions (L x W x H)	685mm x 320mm x 318mm

Part Details



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Model Dimensions (H x W x D) mm		Capacity				Entries		Cable Diameter
	Bundle	E.W	Ribbon	E.W	Standard Entries	E.W	(mm)	
HLX-FOSC83-1	420 x 145 x 145	96	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-2	460 x 265 x 145	144	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-3	480(L) x Ø150	72	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-4	660 x 220 x 178	192	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-5	650(L) x Ø235	192	144	560	480	3 in - 3 out	1 in - 1 out	< Ø20 (Ø23 for E.W)
HLX-FOSC83-6	500(L) x Ø171	144	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-7	450 x 200 x 125	96	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-8	392 x 152 x 54	24	N/A	144	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-9B	500(L) x Ø171	72	144	320	480	2 in - 2 out	1 in - 1 out	< Ø20 (Ø23 for E.W)
HLX-FOSC83-10	275(L) x Ø148	12	N/A	N/A	N/A	2 in - 2 out	N/A	< Ø13.6
HLX-FOSC83-11	400 x 60 x 130	N/A	N/A	12	N/A	1 in - 1 out	N/A+	< Ø6

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Description

HUBNETIX LANLINE HLX-FOSC83-6 optical splice closures are used to distribute, splice, and store the outdoor optical cables which enter and exit from the ends of the closure. There are two connection ways: direct connection and splitting connection. They are applicable to situations such as overhead, man-well of pipeline, embedded situation etc. Comparing with terminal box, the closure requires much stricter requirement of seal. Sealing ring and air valve are required for closure, but that are not necessary for terminal box.

- The closure casing is made of quality engineering plastics, and of good performance of anti-erosion against acid and alkali salt, anti-aging, as well as smooth appearance and reliable mechanical structure
- The mechanical structure is reliable and has the performance of resisting wild environment and intensive climate changes and serious working environment. The protection grade reaches IP66
- The closures are applicable to ribbon type optical cable and common optical cable
- The splice trays inside the closure are turnable like booklets, and have adequate curvature radius and space for winding optical Fibre to make sure the curvature radius for optical winding 40mm. Each optical cable and Fibre can be operated individually
- The closure is of small volume, big capacity and convenient maintenance
- The elastic rubber seal rings inside the closure are of good sealing and sweat-proof performance
- The casing can be opened repeatedly without air leakage. No special tools are required. The operation is easy and simple. The air valve is provided for the closure and used to check the sealing performance

Dimensions and Capability	
Dimensions (L x W x H)	500(L) x Φ171
Max Capacity	Bundle 144 Cores, Ribbon 480 Cores
Number of Cable Entrance/Exit	3/3
Diameter of Cable	Less than Φ20mm

Operation Conditions	
Temperature	-40°C ~ +60°C
Humidity	≤95% (at 40°C)
Air Pressure	70kPa~106kPa





Technical Specifications

- Seal performance: after the box is sealed, inflate to 100kPa inwards (inflation only apply to the models with the air hole), and then soak it in the water of normal temperature, after 15 minutes of steady observation, there is no bubble to overflow
- Insulation resistance: the insulation resistance between the metal work piece and the earth is greater than 20kMΩ
- Pressurization: there is no breakdown or flashover under 15kVdc/1min between the metal work piece and the earth
- The curvature radius of the Fibre 40mm, without extra loss inside the splice tray
- It can bear the axial tensile strength no less than 1000N
- Lifetime: 25 years
- Other performances are all in accordance with the requirement of standard YD/T814-1998

Shipping Information	
Package Contents	Closure- 1 unit, Installation accessories- 1 set
Package Dimensions (L x W x H)	540mm x 210mm x 190mm

Part Details





Model Dimensions (H x W x D) mm	Dimensions	Capacity				Entries		Cable Diameter
	Bundle	E.W	Ribbon	E.W	Standard Entries	E.W	(mm)	
HLX-FOSC83-1	420 x 145 x 145	96	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-2	460 x 265 x 145	144	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-3	480(L) x Ø150	72	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-4	660 x 220 x 178	192	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-5	650(L) x Ø235	192	144	560	480	3 in - 3 out	1 in - 1 out	< Ø20 (Ø23 for E.W)
HLX-FOSC83-6	500(L) x Ø171	144	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-7	450 x 200 x 125	96	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-8	392 x 152 x 54	24	N/A	144	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-9B	500(L) x Ø171	72	144	320	480	2 in - 2 out	1 in - 1 out	< Ø20 (Ø23 for E.W)
HLX-FOSC83-10	275(L) x Ø148	12	N/A	N/A	N/A	2 in - 2 out	N/A	< Ø13.6
HLX-FOSC83-11	400 x 60 x 130	N/A	N/A	12	N/A	1 in - 1 out	N/A+	< Ø6

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HUBNETIX LANLINE HLX-FOSC83-7 optical splice closures are used to distribute, splice, and store the outdoor optical cables which enter and exit from the ends of the closure. There are two connection ways: direct connection and splitting connection. They are applicable to situations such as overhead, man-well of pipeline, embedded situation etc. Comparing with terminal box, the closure requires much stricter requirement of seal. Sealing ring and air valve are required for closure, but that are not necessary for terminal box.

- The closure casing is made of quality engineering plastics, and of good performance of anti-erosion against acid and alkali salt, anti-aging, as well as smooth appearance and reliable mechanical structure
- The mechanical structure is reliable and has the performance of resisting wild environment and intensive climate changes and serious working environment. The protection grade reaches IP66
- The closures are applicable to ribbon type optical cable and common optical cable
- The splice trays inside the closure are turnable like booklets, and have adequate curvature radius and space for winding optical Fibre to make sure the curvature radius for optical winding 40mm. Each optical cable and Fibre can be operated individually
- The closure is of small volume, big capacity and convenient maintenance
- The elastic rubber seal rings inside the closure are of good sealing and sweat-proof performance
- The casing can be opened repeatedly without air leakage. No special tools are required. The operation is easy and simple. The air valve is provided for the closure and used to check the sealing performance

Dimensions and Capability	
Dimensions (L x W x H)	450mm x 200mm x 125mm
Max Capacity	Bundle 96 Cores, Ribbon 320 Cores
Number of Cable Entrance/Exit	2/2
Diameter of Cable	Less than Φ20mm

Operation Conditions	
Temperature	-40°C ~ +60°C
Humidity	≤95% (at 40°C)
Air Pressure	70kPa~106kPa





Technical Specifications

- Seal performance: after the box is sealed, inflate to 100kPa inwards (inflation only apply to the models with the air hole), and then soak it in the water of normal temperature, after 15 minutes of steady observation, there is no bubble to overflow
- Insulation resistance: the insulation resistance between the metal work piece and the earth is greater than 20kMΩ
- Pressurization: there is no breakdown or flashover under 15kVdc/1min between the metal work piece and the earth
- The curvature radius of the Fibre 40mm, without extra loss inside the splice tray
- It can bear the axial tensile strength no less than 1000N
- Lifetime: 25 years
- Other performances are all in accordance with the requirement of standard YD/T814-1998

Shipping Information	
Package Contents	Closure- 1 unit, Installation accessories- 1 set
Package Dimensions (L x W x H)	470mm x 245mm x 150mm

Part Details



Model Dimensions (H x W x D) mm	Dimensions	Capacity				Entries		Cable Diameter
	Bundle	E.W	Ribbon	E.W	Standard Entries	E.W	(mm)	
HLX-FOSC83-1	420 x 145 x 145	96	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-2	460 x 265 x 145	144	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-3	480(L) x Ø150	72	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-4	660 x 220 x 178	192	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-5	650(L) x Ø235	192	144	560	480	3 in - 3 out	1 in - 1 out	< Ø20 (Ø23 for E.W)
HLX-FOSC83-6	500(L) x Ø171	144	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-7	450 x 200 x 125	96	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-8	392 x 152 x 54	24	N/A	144	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-9B	500(L) x Ø171	72	144	320	480	2 in - 2 out	1 in - 1 out	< Ø20 (Ø23 for E.W)
HLX-FOSC83-10	275(L) x Ø148	12	N/A	N/A	N/A	2 in - 2 out	N/A	< Ø13.6
HLX-FOSC83-11	400 x 60 x 130	N/A	N/A	12	N/A	1 in - 1 out	N/A+	< Ø6

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HUBNETIX LANLINE HLX-FOSC83-8 optical splice closures are used to distribute, splice, and store the outdoor optical cables which enter and exit from the ends of the closure. There are two connection ways: direct connection and splitting connection. They are applicable to situations such as overhead, man-well of pipeline, embedded situation etc. Comparing with terminal box, the closure requires much stricter requirement of seal. Sealing ring and air valve are required for closure, but that are not necessary for terminal box.

- The closure casing is made of quality engineering plastics, and of good performance of anti-erosion against acid and alkali salt, anti-aging, as well as smooth appearance and reliable mechanical structure
- The mechanical structure is reliable and has the performance of resisting wild environment and intensive climate changes and serious working environment. The protection grade reaches IP66
- The closures are applicable to ribbon type optical cable and common optical cable
- The splice trays inside the closure are turnable like booklets, and have adequate curvature radius and space for winding optical Fibre to make sure the curvature radius for optical winding 40mm. Each optical cable and Fibre can be operated individually
- The closure is of small volume, big capacity and convenient maintenance
- The elastic rubber seal rings inside the closure are of good sealing and sweat-proof performance
- The casing can be opened repeatedly without air leakage. No special tools are required. The operation is easy and simple. The air valve is provided for the closure and used to check the sealing performance

Dimensions and Capability	
Dimensions (L x W x H)	392mm x 152mm x 54mm
Max Capacity	Bundle 24 Cores; Ribbon 144 Cores
Number of Cable Entrance/Exit	2/2
Diameter of Cable	Less than Φ20mm

Operation Conditions	
Temperature	-40°C ~ +60°C
Humidity	≤95% (at 40°C)
Air Pressure	70kPa~106kPa





Technical Specifications

- Seal performance: after the box is sealed, inflate to 100kPa inwards (inflation only apply to the models with the air hole), and then soak it in the water of normal temperature, after 15 minutes of steady observation, there is no bubble to overflow
- Insulation resistance: the insulation resistance between the metal work piece and the earth is greater than $20 \text{kM}\Omega$
- Pressurization: there is no breakdown or flashover under 15kVdc/1min between the metal work piece and the earth
- The curvature radius of the Fibre 40mm, without extra loss inside the splice tray
- It can bear the axial tensile strength no less than 1000N
- Lifetime: 25 years
- Other performances are all in accordance with the requirement of standard YD/T814-1998

Shipping Information	
Package Contents	Closure- 1 unit, Installation accessories- 1 set
Package Dimensions (L x W x H)	415mm x 250mm x 120mm

Part Details



Model (Dimensions	Capacity				Entries		Cable Diameter
	(H x W x D) mm	Bundle	E.W	Ribbon	E.W	Standard Entries	E.W	(mm)
HLX-FOSC83-1	420 x 145 x 145	96	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-2	460 x 265 x 145	144	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-3	480(L) x Ø150	72	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-4	660 x 220 x 178	192	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-5	650(L) x Ø235	192	144	560	480	3 in - 3 out	1 in - 1 out	< Ø20 (Ø23 for E.W)
HLX-FOSC83-6	500(L) x Ø171	144	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-7	450 x 200 x 125	96	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-8	392 x 152 x 54	24	N/A	144	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-9B	500(L) x Ø171	72	144	320	480	2 in - 2 out	1 in - 1 out	< Ø20 (Ø23 for E.W)
HLX-FOSC83-10	275(L) x Ø148	12	N/A	N/A	N/A	2 in - 2 out	N/A	<Ø13.6
HLX-FOSC83-11	400 x 60 x 130	N/A	N/A	12	N/A	1 in - 1 out	N/A+	< Ø6

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HUBNETIX LANLINE HLX-FOSC83-9 optical splice closures are used to distribute, splice, and store the outdoor optical cables which enter and exit from the ends of the closure. There are two connection ways: direct connection and splitting connection. They are applicable to situations such as overhead, man-well of pipeline, embedded situation etc. Comparing with terminal box, the closure requires much stricter requirement of seal. Sealing ring and air valve are required for closure, but that are not necessary for terminal box.

- The closure casing is made of quality engineering plastics, and of good performance of anti-erosion against acid and alkali salt, anti-aging, as well as smooth appearance and reliable mechanical structure
- The mechanical structure is reliable and has the performance of resisting wild environment and intensive climate changes and serious working environment. The protection grade reaches IP66
- The closures are applicable to ribbon type optical cable and common optical cable
- The splice trays inside the closure are turnable like booklets, and have adequate curvature radius and space for winding optical Fibre to make sure the curvature radius for optical winding 40mm. Each optical cable and Fibre can be operated individually
- The closure is of small volume, big capacity and convenient maintenance
- The elastic rubber seal rings inside the closure are of good sealing and sweat-proof performance
- The casing can be opened repeatedly without air leakage. No special tools are required. The operation is easy and simple. The air valve is provided for the closure and used to check the sealing performance

Dimensions and Capability	
Dimensions (L x W x H)	500(L) x Φ171
Max Capacity	Bundle 72 Cores; Ribbon 320 Cores
Number of Cable Entrance/Exit	2/2
Diameter of Cable	Less than Φ20mm

Operation Conditions	
Temperature	-40°C ~ +60°C
Humidity	≤95% (at 40°C)
Air Pressure	70kPa~106kPa





Technical Specifications

- Seal performance: after the box is sealed, inflate to 100kPa inwards (inflation only apply to the models with the air hole), and then soak it in the water of normal temperature, after 15 minutes of steady observation, there is no bubble to overflow
- Insulation resistance: the insulation resistance between the metal work piece and the earth is greater than 20kMΩ
- Pressurization: there is no breakdown or flashover under 15kVdc/1min between the metal work piece and the earth
- The curvature radius of the Fibre 40mm, without extra loss inside the splice tray
- It can bear the axial tensile strength no less than 1000N
- Lifetime: 25 years
- Other performances are all in accordance with the requirement of standard YD/T814-1998

Shipping Information	
Package Contents	Closure- 1 unit, Installation accessories- 1 set
Package Dimensions (L x W x H)	540mm x 210mm x 190mm

Part Details



Model Dimensio	Dimensions	Capacity				Entries		Cable Diameter
Model	(H x W x D) mm	Bundle	E.W	Ribbon	E.W	Standard Entries	E.W	(mm)
HLX-FOSC83-1	420 x 145 x 145	96	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-2	460 x 265 x 145	144	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-3	480(L) x Ø150	72	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-4	660 x 220 x 178	192	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-5	650(L) x Ø235	192	144	560	480	3 in - 3 out	1 in - 1 out	< Ø20 (Ø23 for E.W)
HLX-FOSC83-6	500(L) x Ø171	144	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-7	450 x 200 x 125	96	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-8	392 x 152 x 54	24	N/A	144	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-9B	500(L) x Ø171	72	144	320	480	2 in - 2 out	1 in - 1 out	< Ø20 (Ø23 for E.W)
HLX-FOSC83-10	275(L) x Ø148	12	N/A	N/A	N/A	2 in - 2 out	N/A	< Ø13.6
HLX-FOSC83-11	400 x 60 x 130	N/A	N/A	12	N/A	1 in - 1 out	N/A+	< Ø6

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HUBNETIX LANLINE HLX-FOSC83-10 optical splice closures are used to distribute, splice, and store the outdoor optical cables which enter and exit from the ends of the closure. There are two connection ways: direct connection and splitting connection. They are applicable to situations such as overhead, man-well of pipeline, embedded situation etc. Comparing with terminal box, the closure requires much stricter requirement of seal. Sealing ring and air valve are required for closure, but that are not necessary for terminal box.

- The closure casing is made of quality engineering plastics, and of good performance of anti-erosion against acid and alkali salt, anti-aging, as well as pleasing appearance
- The mechanical structure is reliable and has the performance of resisting wild environment
- The closure is ideal for FTTH optical cable with the maximum splice capacity of 12 fibres
- The splice tray inside the closure has adequate curvature radius and space for winding optical fibre to make sure the safe bend radius is kept
- Easy operation and convenient maintenance
- The elastic rubber seal rings inside the closures are of good sealing and damp-proof performance. The casing can be opened repeatedly without air leakage. No special tools are required

Dimensions and Capability	
Dimensions (L x W x H)	275(Н) х Ф148
Max Capacity	Bundle 12 cores
Number of Cable Entrance/Exit	2/2
Diameter of Cable	Less than Φ11.3mm

Operation Conditions	
Temperature	-40°C ~ +60°C
Humidity	≤95% (at 40°C)
Air Pressure	70kPa ~106kPa





Technical Specifications

- Seal performance: after the box is sealed, inflate to 100kPa inwards (inflation only apply to the models with the air hole), and then soak it in the water of normal temperature, after 15 minutes of steady observation, there is no bubble to overflow
- Insulation resistance: the insulation resistance between the metal work piece and the earth is greater than 20kMΩ
- Pressurization: there is no breakdown or flashover under 15kVdc/1min between the metal work piece and the earth
- The curvature radius of the Fibre 40mm, without extra loss inside the splice tray
- It can bear the axial tensile strength no less than 1000N
- Lifetime: 25 years
- Other performances are all in accordance with the requirement of standard YD/T814-1998

Shipping Information	
Package Contents	Closure- 1 unit, Installation accessories- 1 set
Package Dimensions (L x W x H)	325mm x 200mm x 140mm

Part Details



Model Dimensions (H x W x D) mm	Dimensions	Capacity				Entries		Cable Diameter
	Bundle	E.W	Ribbon	E.W	Standard Entries	E.W	(mm)	
HLX-FOSC83-1	420 x 145 x 145	96	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-2	460 x 265 x 145	144	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-3	480(L) x Ø150	72	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-4	660 x 220 x 178	192	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-5	650(L) x Ø235	192	144	560	480	3 in - 3 out	1 in - 1 out	< Ø20 (Ø23 for E.W)
HLX-FOSC83-6	500(L) x Ø171	144	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-7	450 x 200 x 125	96	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-8	392 x 152 x 54	24	N/A	144	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-9B	500(L) x Ø171	72	144	320	480	2 in - 2 out	1 in - 1 out	< Ø20 (Ø23 for E.W)
HLX-FOSC83-10	275(L) x Ø148	12	N/A	N/A	N/A	2 in - 2 out	N/A	<Ø13.6
HLX-FOSC83-11	400 x 60 x 130	N/A	N/A	12	N/A	1 in - 1 out	N/A+	< Ø6

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HUBNETIX LANLINE HLX-FOSC83-11 optical splice closures are used to distribute, splice, and store the outdoor optical cables which enter and exit from the ends of the closure. There are two connection ways: direct connection and splitting connection. They are applicable to situations such as overhead, man-well of pipeline, embedded situation etc. Comparing with terminal box, the closure requires much stricter requirement of seal. Sealing ring and air valve are required for closure, but that are not necessary for terminal box.

- The closure casing is made of quality engineering plastics, and of good performance of anti-erosion against acid and alkali salt, anti-aging, as well as pleasing appearance
- The mechanical structure is reliable and has the performance of resisting wild environment
- Closure adopts hinge/buckle mechanism which makes dismantling/assembling easy
- Cable entry section can accommodate maximum 8 cables (main cable 1pc, branching cable 8pcs)
- Can accommodate up to 8 drop cables
- Outer body can be completely removed for 360 degree splice access
- Re-useable grommet sealing open and close easily for adding or removing drop cables providing efficient cable installation with no mess

Dimensions and Capability	
Dimensions (L x W x H)	400mm x 60mm x 130mm
Max Capacity	Ribbon 12 Cores
Number of Cable Entrance/Exit	1/1
Diameter of Cable	Less than Φ6 mm

Operation Conditions	
Temperature	-40°C ~ +60°C
Humidity	≤95% (at 40°C)
Air Pressure	70kPa ~106kPa





Technical Specifications

- Seal performance: after the box is sealed, inflate to 100kPa inwards (inflation only apply to the models with the air hole), and then soak it in the water of normal temperature, after 15 minutes of steady observation, there is no bubble to overflow
- Insulation resistance: the insulation resistance between the metal work piece and the earth is greater than 20kMΩ
- Pressurization: there is no breakdown or flashover under 15kVdc/1min between the metal work piece and the earth
- The curvature radius of the Fibre 40mm, without extra loss inside the splice tray
- It can bear the axial tensile strength no less than 1000N
- Lifetime: 25 years
- Other performances are all in accordance with the requirement of standard YD/T814-1998

Shipping Information	
Package Contents	Closure- 1 unit, Installation accessories- 1 set
Package Dimensions (L x W x H)	420mm x 100mm x 150mm

Part Details



Model Dimensions (H x W x D) mm	Dimensions	Capacity				Entries		Cable Diameter
	Bundle	E.W	Ribbon	E.W	Standard Entries	E.W	(mm)	
HLX-FOSC83-1	420 x 145 x 145	96	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-2	460 x 265 x 145	144	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-3	480(L) x Ø150	72	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-4	660 x 220 x 178	192	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-5	650(L) x Ø235	192	144	560	480	3 in - 3 out	1 in - 1 out	< Ø20 (Ø23 for E.W)
HLX-FOSC83-6	500(L) x Ø171	144	N/A	480	N/A	3 in - 3 out	N/A	< Ø20
HLX-FOSC83-7	450 x 200 x 125	96	N/A	320	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-8	392 x 152 x 54	24	N/A	144	N/A	2 in - 2 out	N/A	< Ø20
HLX-FOSC83-9B	500(L) x Ø171	72	144	320	480	2 in - 2 out	1 in - 1 out	< Ø20 (Ø23 for E.W)
HLX-FOSC83-10	275(L) x Ø148	12	N/A	N/A	N/A	2 in - 2 out	N/A	<Ø13.6
HLX-FOSC83-11	400 x 60 x 130	N/A	N/A	12	N/A	1 in - 1 out	N/A+	< Ø6

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