

Fiber Optic Splice Closure

GPJ83 - 10

Overview

LongXing GPJ83-10 mini 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.

Features

- 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 fibers.
- The splice tray inside the closure has adequate curvature radius and space for winding optical fiber 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	275(H) *Φ148
Max Capacity	Bundle 12 cores
Number of Cable Entrance/Exit	2 ; 2
Diameter of Cable	Less than Φ11.3mm



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

Shipping Information	
Package Contents	Closure, 1 unit; Installation accessories, 1 set
Package Dimensions(L*W*H)	325mm*200mm*140mm
Material	Carton box
Weight	
Lead Time	10-15 working days normally

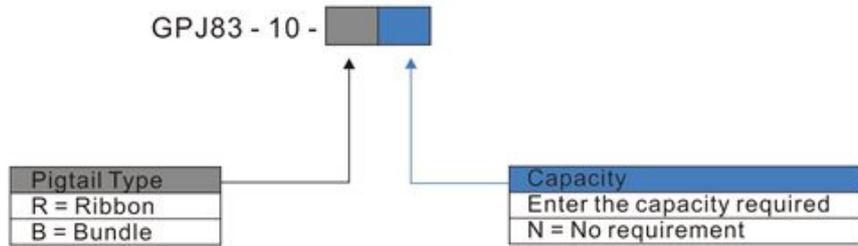
Technical Specifications

- 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 fiber 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.

Part Details



Catalog Number



Ordering Example:

GPJ83-10B12 Bundle pigtail, 12 Cores.

Note : *If the required type of any item is not on the relevant list, please use "O" or "OO" as the red cells indicate, and kindly state the required type in the description of PO.

More relevant designs for your reference.

Model	Dimensions (H*W*D) mm	Capacity				Entries		Cable Diameter (mm)
		Bundle	E.W	Ribbon	E.W	Standard Entries	E.W	
GPJ83-1	420*145*145	96	N/A	320	N/A	2 in 2 out	N/A	≤ Φ20
GPJ83-2	460*260*145	144	N/A	480	N/A	3 in 3 out	N/A	≤ Φ20
GPJ83-3	480(L)*Φ 150	72	N/A	320	N/A	2 in 2 out	N/A	≤ Φ20
GPJ83-4	660*220*178	192	N/A	480	N/A	3 in 3 out	N/A	≤ Φ20
GPJ83-5	650(L)*Φ 235	192	144	560	480	3 in 3 out	1 in 1 out	≤ Φ20 (Φ 23 for E.W)
GPJ83-6	500(L)*Φ 171	144	N/A	480	N/A	3 in 3 out	N/A	≤ Φ20
GPJ83-7	450*200*125	96	N/A	320	N/A	2 in 2 out	N/A	≤ Φ20
GPJ83-8	392*152*54	24	N/A	144	N/A	2 in 2 out	N/A	≤ Φ20
GPJ83-9B	500(L)*Φ 171	72	144	320	480	2 in 2 out	1 in 1 out	≤ Φ20 (Φ 23 for E.W)
GPJ83-10	275(L)*Φ 148	12	N/A	N/A	N/A	2 in 2 out	N/A	≤ Φ13.6

