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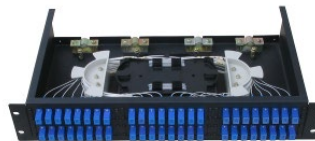
Manual of Fixed Type Optic Fiber Patch Panel

1. Application

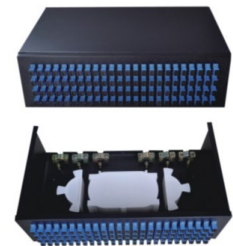
The product can be applied in the branch connection of fiber termination, working as distribution box, 19" standard structure, rack mounting, available for the installation of FC, SC, ST, LC adaptors..



24ports



48ports



96ports

2. Structural features

- All property indexes are in accordance with National YD/T925—1997 Standard.
- The body make use of cold rolling steel sheet Strong adhesive force, artistic and durable.
- Distinctive design of 1-3 cable entrance and fiber exit of 1-144 cores assures flexibility.
- Cable entrance are sealed with oil resistance NBR to increase the flexibility. Users can choose to prick the entrance and exit.
- Overlapping fiber-melting tray and separate insulation earth unit make the disposition of the cores, expanding the capacity and cable-earthen flexible, convenient and safe.

3. Main technical Specifications

- External Size: (length×width×height) 430x250x1U/2U/3U/4U
- Weight:3.5kg
- optical fiber winding radius: ≥40mm
- extra loss of fiber tray: none
- fiber length left in tray: ≥1.6m
- fiber capacity: 144 cores
- working temperature: - 40°C ~ + 60°C
- lateral pressure-resistance: 500N
- shock-resistance: 750N



4. Operations

- Peel the cable , take off the outer and inner housing, as well as loose contract tube, and wash off the filling grease, leaving 1.1~1.6m fiber and 20~40mm steel core.
- Fix the cable-pressing card and the cable, as well as the cable reinforce steel core.
- Lead the fiber into the melting and connecting tray, fix heat contract tube and melted tube to one of the connecting fiber. After melting and connecting the fiber, move heat contract tube and melted tube and fix the stainless (or quartz) reinforce core stick ,make sure the connecting point is in the middle of the housing pipe. Heat the pipe to make the two into one.Put the protected joint into the fiber-laying tray.(one tray can lay 24 cores)
- Lay the left fiber in the melting and connecting tray evenly, and fix the winding fiber with nylon ties. Use the trays from the bottom up. After all the fiber has been connected, cover the top layer and fix it.
- Position it and use the earth wire in accordance with the project plan.

5. Order Guide

Type	Dimension(mm)	Max capacity cores	Remark
SC24	430*250*1U	24	available for FC,ST,SC,LC .
SC48	430*250*2U	48	
SC96	430*250*3U	96	
SC144	430*250*4U	144	

6. Packing Information

Type	Inner carton dimension/ weight	Outside carton dimension/weight	No./carton
SC24	465*285*75mm / 2.6kg	485*425*305 / 14.2kg	5
SC48	465*285*125mm / 3.8kg	675*485*305 / 21kg	
SC96	465*285*165mm / 4.55kg	500*350*540 / 16.8kg	3
SC144	465*285*208mm / 5.5kg	500*350*540 / 16.8kg	2