## 1、Descriptionss

Designed for military field fiber optic cable supporting, neutral bayonet locking structure can be realized head and seat, head and head, seat and seat fast any connection. With multi-core once connected and blind insertion; connection loss, high reliability; rugged, waterproof, dustproof, resistance to harsh environments, etc., can be used in a variety of optical fiber communication network field army, military computer systems, airborne or ship borne equipment, repair and other outdoor optical cable system temporary connection.

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## 2、Features

- Adopting neutral connection technology, without using adapter or flange, the design of quick connecting

- key location, With multi-core once connected and blind insertion

- Aluminium alloy shell, light weight and high strength

- Connector plugs and receptacles are provided with dust-proof covers to ensure the quality of connection

- Standard ceramic pin and housing connection dimensions, fully compatible with existing equipment

- Select standard connector on the other end，Various connector option: LC、SC、FC、ST etc.

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## 3、Specifications

| Fiber Type | SM（9/125um） | | MM（50/125um、62.5/125um） |
|---|---|---|---|
| Polish | UPC | APC | UPC |
| Insertion Loss | ≤1.0dB (Typical≤0.5dB) | | ≤1.0dB (Typical≤0.9dB) |
| Return Loss | UPC≥50dB，APC≥60dB | | UPC≥20dB |
| mechanical character | Socket / Plug：≤1000N (Main Cable) | | |
| | LC/SC：≤ 100N（Branch Cable） | | |
| Tensile Strength | Short term600N / Long term：200N | | |
| Protection level | IP67 | | |
| Fiber count(optional) | 2 ~ 12 | | |
| Cable Diameter(optional) | 4.0、7.5mm(or Customize) | | |
| Jacket Material(optional) | LSZH、TPU | | |
| Anti-push Unit | KEVLAR | | |
| Operating Temperature | -40 ~ +85℃ | | |

## 4、Application

- military emergency communications
- broadcast television
- emergency rush through optical fiber communications
- mining, oil and so on

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