Datolink Ltd
— Fiber optical connectivity solution

www.datolink.com
Datolink Ltd was founded in the January of 2007 by several engineers, who have had many years working experience in the area of telecommunication specialized in the fiber optical sector. Datolink is a high-technology oriented company with fiber optical passive products. We are dedicated to the design, manufacture and sales, meanwhile, we can provide customers with complete cabling solutions in installation and maintenance.

The company has a strict and comprehensive system of quality control approved by the standard ISO9001: 2000. Is well connected with the raw materials providers and factories worldwidely, to offer customers a broad line of products with competitive prices and very soon time of delivery.

Our products have been exported to over 20 countries and regions such as Europe, Middle East, Southeast Asia, Latin America, etc. Datolink Ltd is committed to offer the partners high quality products and professional services, we look forward for the successful development with mutual-benefits, for casting the future of fiber optical and telecommunication!
Applications:
Local Area Networks (LANs) and Wide Area Networks (WANs)
Fiber Optical CATV, FTTH, FTTB, FTTP etc
Fiber Optical telecommunication systems
Transmission Mode (ATM)
Fiber Optical Backbone
Military Instrumentation

Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Singlemode</th>
<th>Multimode</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insert Loss</td>
<td>≤ 0.20dB</td>
<td>≤ 0.25dB</td>
</tr>
<tr>
<td>Return Loss</td>
<td>≥ 50 dB (PC)</td>
<td>PC ≥ 35dB</td>
</tr>
<tr>
<td></td>
<td>≥ 55 dB (UPC)</td>
<td>UPC ≥ 40dB</td>
</tr>
<tr>
<td></td>
<td>≥ 65 dB (APC)</td>
<td></td>
</tr>
<tr>
<td>Durability</td>
<td>&lt;0.20 dB typical change, 1000 mating</td>
<td></td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>From 40 to +80°C</td>
<td>From 40 to +80°C</td>
</tr>
<tr>
<td>Ferrule Hole Sizes</td>
<td>125.0-H/ ø1 μm, Concentricity: ≤ 1.0 μm</td>
<td>125μm, Concentricity: 1 ≤ 3 μm</td>
</tr>
<tr>
<td></td>
<td>125.5-H/ ø1 μm, Concentricity: ≤ 1.0 μm</td>
<td>127μm, Concentricity: 1 ≤ 3 μm</td>
</tr>
<tr>
<td></td>
<td>126.0-H/ ø1 μm, Concentricity: ≤ 1.0 μm</td>
<td>128μm, Concentricity: 1 ≤ 3 μm</td>
</tr>
</tbody>
</table>
Fiber optical patch cord & Pigtails

Applications:
Local Area Networks (LANs) and Wide Area Networks (WANs)
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<tr>
<td>Insert Loss</td>
<td>( \leq 0.20 \text{dB} )</td>
<td>( \leq 0.25 \text{dB} )</td>
</tr>
<tr>
<td>Return Loss</td>
<td>( \geq 50 \text{ dB} ) (PC)</td>
<td>( \text{PC} \geq 35 \text{dB} )</td>
</tr>
<tr>
<td></td>
<td>( \geq 55 \text{ dB} ) (UPC)</td>
<td>( \text{UPC} \geq 40 \text{dB} )</td>
</tr>
<tr>
<td></td>
<td>( \geq 65 \text{ dB} ) (APC)</td>
<td></td>
</tr>
<tr>
<td>Durability</td>
<td>(&lt; 0.20 \text{ dB typical change, 1000 mating} )</td>
<td></td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>From 40 to +80(^\circ)C</td>
<td>From 40 to +80(^\circ)C</td>
</tr>
<tr>
<td>Ferrule Hole Sizes</td>
<td>125. 0±1/ ( \mu \text{m} ), Concentricity:( \leq 1. \mu \text{m} )</td>
<td>127( \mu \text{m} ), Concentricity: (1 \leq 3 \mu \text{m} )</td>
</tr>
<tr>
<td></td>
<td>125. 5±1/ ( \mu \text{m} ), Concentricity:( \leq 1. \mu \text{m} )</td>
<td>127( \mu \text{m} ), Concentricity: (1 \leq 3 \mu \text{m} )</td>
</tr>
<tr>
<td></td>
<td>126. 0±1/ ( \mu \text{m} ), Concentricity:( \leq 1. \mu \text{m} )</td>
<td>128( \mu \text{m} ), Concentricity: (1 \leq 3 \mu \text{m} )</td>
</tr>
</tbody>
</table>
Features
- High return loss
- Low insertion loss
- Plug-jack, RJ-45 style
- TIA/TIA 568-A compliant

Applications
- CATV, LANs, Telecom, Video
- Active device termination
- Telecommunication networks
- Gigabit applications (ATM, Ethernet)

Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>PC SM</th>
<th>PC MM</th>
</tr>
</thead>
<tbody>
<tr>
<td>insertion loss</td>
<td>≤ 0.3dB</td>
<td>≤ 0.3dB</td>
</tr>
<tr>
<td>Return loss</td>
<td>≥ 50dB</td>
<td>≥ 20dB</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-40°C to + 75°C</td>
<td></td>
</tr>
<tr>
<td>Durability</td>
<td>≤ 0.2dB typical change, 500 mating</td>
<td></td>
</tr>
<tr>
<td>Available Wavelengths</td>
<td>SM=1310&amp; 1550nm, MM=850nm</td>
<td></td>
</tr>
</tbody>
</table>

Ordering Choice:
- Fan-out patch cord
- Simplex/Duplex
- Pigtail
- 12 color cable
- Loose& Tight Buffer
- Boot color
- Cable Size 0.9mm, 1.8mm, 2.0mm
- Packing Style
- Cable type G652D, G657, OM1, OM2, OM3, OM4
- OFNR&LSZH& OFNP
- Male& Female Type

Features
- High return loss
- ICE61754-7 Compliant
- Compact design, up to 12 fiber ribbon

Applications
- CATV, LANs, Telecom, Video
- Active device termination
- Telecommunication networks
- Gigabit applications (ATM, Ethernet)

Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>UPC SM</th>
<th>PC MM</th>
<th>APC SM</th>
</tr>
</thead>
<tbody>
<tr>
<td>insertion loss</td>
<td>≤ 0.4dB</td>
<td>≤ 0.3dB</td>
<td>≤ 0.4dB</td>
</tr>
<tr>
<td>Return loss</td>
<td>≥ 50dB</td>
<td>≥ 20dB</td>
<td>≥ 60dB</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-40°C to + 75°C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Durability</td>
<td>≤ 0.3dB typical change, 500 mating</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Available Wavelengths</td>
<td>SM=1310&amp; 1550nm, MM=850nm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Ordering Choice:
- Fan-out patch cord
- Bare fiber type
- Ribbon cable type
- 12 color cable
- Loose& Tight Buffer
- Boot color
- Packing style
- Cable style, Angle= 8 degrees
- Cable type G652D, G657, OM1, OM2, OM3, OM4
- OFNR&LSZH& OFNP
- Male& Female Type
- MPO caste
- SC&LC
- 12 cores & 24 cores
**Description:**
Waterproof Pigtail is a length of fiber with one-end connector attached, suitable for outdoor use and adverse environmental conditions.

**Features:**
- High return loss and low insertion loss
- Good reliability and stability
- Excellent water-resistance performance
- Waterproof, rigid and anti-corrosive copper connector
- Simple installation
- Capacity: 2, 4, 6 cords Available
- Applicable to FC, SC, ST, LC, MU...Connectors

**Application:**
- Optic Fiber Communications Systems
- Optical Fiber CATV
- Connecting with Backbone Optical Cable and Rx

**Specification:**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>PC-SM</th>
<th>UPC-SM</th>
<th>APC-SM</th>
<th>PC-MM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Return Loss</td>
<td>≥ 45dB</td>
<td>≥ 50dB</td>
<td>≥ 60dB</td>
<td>≥ 20dB</td>
</tr>
<tr>
<td>Insertion Loss</td>
<td>≤ 0.3dB</td>
<td>≤ 0.3dB</td>
<td>≤ 0.3dB</td>
<td>≤ 0.3dB</td>
</tr>
<tr>
<td>Repeatability 1000 times</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exchange</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Working Temperature</td>
<td></td>
<td></td>
<td></td>
<td>-40°C-75°C</td>
</tr>
</tbody>
</table>

**Description:**
Datolink FTTH steel armored fiber optical patch cords series are made by covering a variety of Japan made SUS-304 stainless steel banding on the tight tube of 0.9mm PVC.
By adopting the processing technical of indoor soft optical fiber cable and fine workmanship for producing fiber optic patch cord, these special fiber optical patch cords are fully protected by steel armor outside the tight tube of 0.9mm PVC. They have high mechanic performance, reliable optical performance and leading anti-ultraviolet radiation function. These steel armored fiber optical patch cords apply to the fields of various data communication, outdoor emergency, buildings without protective cabling, and presently advocated cabling connection of FTTH etc.

**Features:**
- Full steel armored protection from ceramic ferrule
- High tensile resistance & anti-pressure
- Strong anti-ultraviolet radiation
- High flexibility

**Application Area:**
- FTTH
- Defense communications
- Outdoor Emergency
- Buildings without protective cabling
OM3 Series Optical Fiber

WideGrade 50/125 Multimode Fiber
OM3 fiber series with scalable link-lengths for 10Gb/s Ethernet

OptiGrade fibers are available in different performance classes and are scalable from 300m up to 500m to meet the specific customer application and demand. OptiGrade fibers are fully compatible with the installed fiber base of conventional 50um Multimode fiber (Legacy Local Area Networks) and j-fiber’s entire line of high-performance 50um Multimode fiber.

<table>
<thead>
<tr>
<th>OptiGrade Classes</th>
<th>300</th>
<th>400</th>
<th>500</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bandwidth (Overfilled launch, LED based source) 850nm</td>
<td>≥ 1500</td>
<td>≥ 2000</td>
<td>≥ 2500</td>
<td>Mhz·km</td>
</tr>
<tr>
<td>1300nm</td>
<td>≥ 500</td>
<td>≥ 500</td>
<td>≥ 500</td>
<td>Mhz·km</td>
</tr>
<tr>
<td>Effective Modal Bandwidth 850nm</td>
<td>≥ 2000</td>
<td>≥ 2700</td>
<td>≥ 4000</td>
<td>Mhz·km</td>
</tr>
<tr>
<td>Transmission Link Length for 10Gb/s 850nm</td>
<td>300</td>
<td>400</td>
<td>500</td>
<td>m</td>
</tr>
<tr>
<td>1300nm</td>
<td>300</td>
<td>300</td>
<td>300</td>
<td>m</td>
</tr>
</tbody>
</table>

Ordering choice
Fiber
50/125(150)
50/125(300)

OM4 Series Optical Fiber

OptiGrade 550 Multimode Fiber OM4

Serial 10Gb/s Ethernet high-speed transmission, OM4 compliant: OptiGrade Multimode Fibers successfully perform in today’s worldwide networks for 10Gb/s high-speed data transmission. With OptiGrade 550 j-fiber now introduces an enhanced version which provides full OM4 standard compliance to support extended link lengths and bandwidth demands, specifically in advanced datacenter and office abling applications.

The new OptiGrade 550 Multimode fiber therefore ensures 10Gb/s Ethernet serial transmission over 550m with increased Effective Modal Bandwidth (EMB) of ≥4700MHz+·km and Overfilled Launch Bandwidth (OFL) of 3500MHz+·km.

<table>
<thead>
<tr>
<th>OptiGrade Classes</th>
<th>Spec.Value</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bandwidth (Overfilled launch, LED based source) 850nm</td>
<td>≥ 3500</td>
<td>Mhz·km</td>
</tr>
<tr>
<td>1300nm</td>
<td>≥ 500</td>
<td>Mhz·km</td>
</tr>
<tr>
<td>Effective Modal Bandwidth 850nm</td>
<td>≥ 47000</td>
<td>Mhz·km</td>
</tr>
<tr>
<td>Transmission Link Length for 10Gb/s 850nm</td>
<td>500</td>
<td>m</td>
</tr>
<tr>
<td>1300nm</td>
<td>500</td>
<td>m</td>
</tr>
</tbody>
</table>

Ordering choice
Fiber
50/125(150)
50/125(300)
50/125(500)
Fiber optical adapter & attenuator

Features:
Compliant with ANSI, TIA/EIA, NTT and JIS etc
Meets UL94-V0 Flammability Requirements
High Precision Alignment
Low Insertion Loss and High Back Reflection Loss
Excellent Interchangeability
Excellent Repeatability
Good Temperature Characteristic
Choice of Housing Material and Sleeve Material

Specifications:
Insert loss: $\leq 0.20$ dB
Durability < 0.20dB typical change, 1000 mating
Operating temperature: -40 to +80 centigrade

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connector Type</td>
<td>SC/FC/ST/LC/MU/MTRJ</td>
</tr>
<tr>
<td>Operating Wavelength</td>
<td>1310 nm</td>
</tr>
<tr>
<td>Attenuation Value</td>
<td>1dB, 10dB, 15dB, 20dB, 25dB</td>
</tr>
<tr>
<td>Optical In-put Power</td>
<td>$\geq 300$ mW</td>
</tr>
<tr>
<td>Polarization Loss</td>
<td>$\leq 0.20$ dB</td>
</tr>
<tr>
<td>Return Loss (dB)</td>
<td>P grade ($\geq 50$ dB) A/B grade ($\geq 40$ dB)</td>
</tr>
<tr>
<td>Operating Temp °C</td>
<td>-30 to +75°C</td>
</tr>
<tr>
<td>Storage Temp °C</td>
<td>-40 to +85°C</td>
</tr>
</tbody>
</table>
Datolink Standard Single Mode Couplers are high quality components designed to divide or combine optical signal in optical fiber system. These devices are fabricated by using the fused biconical taper (FBT) process and are reliable over wide range of temperature. The operating wavelength is 1310nm or 1550nm and the pass band is 80nm. The coupling ratio can change from 1:99 to 50:50. Various packagings and pigtail configurations can satisfy our customers’ requirements.

**Features:**
- Low insertion loss
- Low excess loss
- Low PDL
- High directivity
- Long haul reliability
- Customer defined specifications

**Application:**
- Telecommunications
- Fiber in the loop
- Local area network
- CATV
- Fiber optic sensing
- Test instruments

**Spectral Performance:**

**Description:**
Datolink PLC splitter is a high quality passive device. It is especially for passive internet (EPON, BPON, and GPON). And different package can follow clients’ different inquiry.
# Fast connector

**SC Fast connector**

**FC Fast connector**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>Technical Parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applicable for</td>
<td>2mm/3mm Indoor cable</td>
</tr>
<tr>
<td>Optical fiber diameter</td>
<td>125m (652 &amp; 657)</td>
</tr>
<tr>
<td>Tight buffer diameter (m)</td>
<td>900m</td>
</tr>
<tr>
<td>Fiber mode</td>
<td>Single &amp; multi mode</td>
</tr>
<tr>
<td>Operation time</td>
<td>About 120s (no fiber cut)</td>
</tr>
<tr>
<td>Insert loss</td>
<td>≤ 0.3dB(1310nm &amp; 1550nm)</td>
</tr>
<tr>
<td>Return loss</td>
<td>≤ -40dB</td>
</tr>
<tr>
<td>Fastening strength of naked fiber</td>
<td>&gt;5 N</td>
</tr>
<tr>
<td>Fastening strength of naked fiber holder</td>
<td>&gt;10 N</td>
</tr>
<tr>
<td>Tensile strength</td>
<td>&gt;50 N</td>
</tr>
<tr>
<td>Using temperature</td>
<td>-40~+75oC</td>
</tr>
<tr>
<td>On-line tensile strength (20 N)</td>
<td>IL ≤ 0.2dB RL &lt;= 5dB</td>
</tr>
<tr>
<td>Mechanical durability (500 times)</td>
<td>IL ≤ 0.2dB RL &lt;= 5dB</td>
</tr>
<tr>
<td>Drop-off test (drop-off height 4m, once per direction, totally 3 times)</td>
<td>IL ≤ 0.2dB RL &lt;= 5dB</td>
</tr>
</tbody>
</table>
Fiber media converter

Key Features:

Auto-adaptation 10Mbps and 100Mbps, convenient for network updating

With distinct IC IP113 HIC solution, low-temperature-rise chip, no need of cooling system, realization of flow control, decrease of broadcast storm

With famous brand optical-electronic-integration module providing excellent optical and electrical properties to ensure reliable data transmission and long working life

Supporting broadcast filtering, address auto-learning and auto-updating, and store-and-forward operating mechanism

Supporting full-duplex flow control or half-duplex back pressure working pattern, along with Auto-negotiation

Single RJ-45 electrical port NIC/HUB, auto cross-identification, link to computer network cards or switches or HUB

Supporting the switches to choose between 10/100Mbps store-and-forward or 100Mbps straight-through transmission pattern (distinct) Supporting 1600 byte super data packet transmission

Providing indicator lamps for link-loss, electrical and optical link diagnosing, dynamic data transmission and full/half duplex, data rate

With more than 50,000 hours MTBF, complying with telecom operating standard

Ultra low power dissipation (< 2.5W, Input: AC140 ~ 260V), low heat, long-time stable work

Supporting choosing optical ports from dual fiber (MM), dual fiber (SM), single fiber (SM)

Technical Parameter:

Access Method: 10/100Mbps, 1000Mbps, 10/100/1000Mbps

Standard: IEEE802.3 10Base-T Ethernet, IEEE802.3u, 100Base-TX/FX Fast Ethernet

Spanning Tree

Wavelength: 850nm/1310nm/1550nm

Distance:

- Dual Fiber MM: 2Km
- Dual Fiber SM: 25/40/60/100/120Km
- Single Fiber SM: 50/20/40/60/80Km
- CAT5: 100m

Port:

- RJ45 Connector connecting with STP/UTP Cat5
- Optical Connector: MM-SC or ST fiber dimension: 50,62.5/125μm
- SM-SC or FC fiber dimension: 9/125 μm
- Single Fiber SM-SC/FC fiber dimension: 9/125 μm

Conversion Method: Media Conversion, Store-and-Forward/straight through

MAC Address Table: 1K

Buffer Size: 1Mbit

Flow Control: Duplex downstream, full duplex back pressure

Time Delay: Store-and-Forward: 9.6us, Straight-through: 0.9us

BER: \(<1\times10^{-9}\)

LED Indicator: POWER, FX LINK/ACT, fiber link

Lamps: FDX, FX-full duplex, TP LINK/ACT (twisted pair link)

Power Supply: AC220 0.5A, DC-48V (internal power)
### Slidable rack mount type patch panel

Slidable Rack-mount Fiber Optic Distribution Frame has aluminum sliding fittings with self-locking functions prevent the drawer from falling when moved; 19-inch rack mount for ST, SC, LC, MTRJ, FC adapters. The drawer is the holding board for splicing, easy to withdraw the fibers when testing and distributing.

![Slidable rack mount type patch panel](image)

### Drawer Type ODF

The ODF unit is a necessary part of the indoor optical distribution frame. 12 cores fusion splicing and distribution module plays the main role and its function is splicing, fiber storage and protection. A completed ODF unit will be with adapter, pigtail and accessories like splice protection sleeve, nylon tie, snake like tube, screw. Please confirm which type if you want adapter and pigtail with the ODF unit.

![Drawer Type ODF](image)

### Outdoor Wall Type Patch Panel

Outdoor Wall-mount Fiber Optic Distribution Frame is mainly used for connecting the outdoor optical cables, optical patch cords and optical pigtails. It can be wall mounted or pole mounted, and facilitates the test and refit of the lines.

![Outdoor Wall Type Patch Panel](image)

### Fixed Rack Mount Type Patch Panel

This fixed type fiber optic patch panel is standard 19 inch design, cold roll steel box, fixed type, with metal front cover; Adapter plate of 180x40mm can be unloaded; Applicable to existing systems.

![Fixed Rack Mount Type Patch Panel](image)

### Indoor Wall Type Patch Panel

Fiber optic indoor wall mount patch box can manage both single fiber and ribbon & bundle fiber cables for indoor using. There are FC, LC, SC, and ST output interfaces optional and large working space to integrate the pigtails, cables and adapters.

![Indoor Wall Type Patch Panel](image)
**Model:** DTLPP-OTBPA is a ABS plastic terminal box, 2 input cable ports, 16 output cable ports; PLC splitter can be loaded inside, suitable for indoor and outdoor wall-mounted & pole mounted using.

**Features:**
- Made of high impact ABS plastic
- Can accommodate 1x4, 1x8, 1x16, 2x4, 2x8 & 2x16 PLC splitter.
- Outdoor or indoor using, waterproof, IP66
- Up to 16 FTTH drops.
- Wall mounting and pole mounting application
- Dimension: 300x220x80mm
- Weight: 1.78kgs

DTLPP-OTBPH (200x120x46 mm)

DTLPP-OTBPG (207x181x45 mm)

DTLPP-OTBMB (265x155x48 mm)

DTLPP-OTBPD (265x155x55 mm)

DTLPP-OTBPE (265x300x78 mm)

DTLPP-OTBPF (375x185x70 mm)
**Fiber optical Splice closure**

**Key Features:**
The box add aging-resistant in imported high tensile construction plastic out-faster is made up of stainless steel. Overlap structure in splicing tray easy to install Suitable for ordinary fiber and ribbon fiber Perfect leak prooflessness and fine function Fiber-bending radium guaranteed more than 40mm Full accessories for convenient operations Fiber optic splice closure can be used repeatedly High reliability For aerial, and direct buried applications

**Specifications:**
- Temperature: -40 to +80 degrees Celsius
- Atmosphere: 70 to 106kpa
- Sealing property at normal temperature: Internal pressure: 70 KPa, without decrease in 72 hours
- High temperature sealing property: internal pressure: 70kPa, without decrease in 168 hours at 60 degree
- Insulated resistance: $>2 \times 10^4$ MΩ
- Intensity: 15KV (DC) not being broken down, has no flying arc.
- Additional Loss: No additional loss when optic fibers are winded in the splice trays
- The-aging time of the material of the enclosure is beyond 20 years

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Number of inlet/outlet ports</th>
<th>Capacity (Cores)</th>
<th>Size (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Fiber closure, dome heat shrinkable type DTLCE-DH1</td>
<td>5</td>
<td>Bunchy: 6-48</td>
<td>φ 178x299</td>
</tr>
<tr>
<td>2</td>
<td>Fiber closure, dome heat shrinkable type DTLCE-DH2</td>
<td>5</td>
<td>Bunchy: 12-96, Ribbon: up to 288</td>
<td>φ 190x435</td>
</tr>
<tr>
<td>3</td>
<td>Fiber closure, dome heat shrinkable type DTLCE-DH3</td>
<td>8</td>
<td>Bunchy: 12-240, Ribbon: up to 576</td>
<td>φ 220x455</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Number of inlet/outlet ports</th>
<th>Capacity (Cores)</th>
<th>Size (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Fiber closure, horizontal type DTLCE-H1</td>
<td>4</td>
<td>Bunchy: 6-48</td>
<td>280x200x90</td>
</tr>
<tr>
<td>2</td>
<td>Fiber closure, horizontal type DTLCE-H2</td>
<td>6</td>
<td>Bunchy: 6~96; Ribbon: max. 144</td>
<td>410x200x120</td>
</tr>
<tr>
<td>3</td>
<td>Fiber closure, horizontal type DTLCE-H3</td>
<td>6</td>
<td>Bunchy: 12~192, Ribbon: max. 432</td>
<td>450x216x160</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Number of inlet/outlet ports</th>
<th>Capacity (Cores)</th>
<th>Size (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Fiber closure, dome type DTLCE-D1</td>
<td>4</td>
<td>Bunchy: 6-48</td>
<td>φ 178x288</td>
</tr>
<tr>
<td>2</td>
<td>Fiber closure, dome type DTLCE-D2</td>
<td>4</td>
<td>Bunchy: 12-96, Ribbon: up to 288</td>
<td>φ 190x415</td>
</tr>
<tr>
<td>3</td>
<td>Fiber closure, dome type DTLCE-D3</td>
<td>6</td>
<td>Bunchy: 12-240, Ribbon: up to 576</td>
<td>φ 220x455</td>
</tr>
</tbody>
</table>
Construction:
- Loose tube
- Filling compound
- Corrugated steel tape coated with PE jacket
- Self-supporting by high grade zinc-galvanized steel wire

Features:
- Low attenuation and dispersion, special control of exceed length ensure the good transmission performance in varying environment
- Good water blocking material prevents the cable from longitudinal water penetration
- High grade zinc-galvanized steel wiers as self-supporting element enhance the tensile resistance

Application:
- Suitable for LAN and uptown communication
- By aerial

We have other models of fiber optical cable for indoor use and outdoor use, please contact our sales department.
Datolink Ltd
Address: 0811, Rujun Building, AV. Banxuegang, Bantian, Longgang district, Shenzhen, China, 518129
Tel: 86-755-25263582
Fax: 86-755-25263585
Sales department: sales@datolink.com
Technical support: support@datolink.com
Website: www.datolink.com