Fiber System | OptiChannel

① ② ③ ④ ⑤ ⑥ ⑦

The Hubbell OptiChannel system is a comprehensive, end-to-end fiber solution that supports high bandwidth data center applications including 10/40/100 Gigabit Ethernet. The OptiChannel high density modular design promotes efficiency, flexibility and maximum space utilization without compromising accessibility.

PROclick® Connectors

OM4/OM3 and OS2

Description		Catalog No.
LC 12-pack, OM3/OM4	①	**FCLC900K50GM12**
SC 12-pack, OM3/OM4	②	**FCSC900K50GM12**
LC 100-pack, OM3/OM4		**FCLC900K50GM100**
LC 12-pack, OS2		**FCLC900KSM12**
SC 12-pack, OS2		**FCSC900KSM12**

Standard LC-MPO Cassettes

OM4

Description	Ports		Catalog No.
LC duplex	12		**OCLC50G4**
LC duplex	24		**OCLCD50G4**
LC quad	24	③	**OCLCQ50G4**
LC duplex, violet	12		**OCLC50G4VI**
LC duplex, violet	24		**OLCD50G4VI**
LC quad, violet	24		**OCLCQ50G4VI**

Note: Standard LC-MPO cassettes are not compatible with HD enclosures. Singlemode and Type 'C' polarity versions also available.

High Density LC-MPO Cassettes

Description		Catalog No.
12-port, OM4, violet	④	**OCLCHD50G4VI**
12-port, OM4, aqua		**OCLCHD50G4**
12-port, OS2		**OCLCHDSM**

MPO Fiber Trunk Assemblies

BIDnet pre-terminated fiber trunk assemblies are custom made to order in any customer-specified configuration.

• Fast, efficient deployment
• 100% factory tested and assembled
• Applications supported: 10/25/50/100/200 Gb/s
• Mission Critical® 25-year warranty

MPO to MPO, OM3/OM4/OS2, Plenum

Options	Polarity	MPO Gender
12-fiber	A, B or C	M or F
24-fiber	A, B or C	M or F
48- to 144-fiber	A, B or C	M or F

Note: Contact your local distributor or Hubbell customer service for additional information on BIDnet Pre-Terminated Fiber Trunk Assemblies. See page H9 for fiber BIDnet assemblies.

High Density Patch Cords

OM4 duplex single jacket

Description		Catalog No.
LC to LC	⑤	**HDPCLC50G4Myy**
LC to LC, polarity reversing		**HDPCLCRPG4Myy**
LC to LC, push rod style		**HDPCLCPRPG4Myy**

*yy = Standard Length: **1**, **2**, **3**, **4**, **5**, **6**, **8** or **10** meters*

High Density Enclosures

144-port, 1U, 19" (483)

Adapter Color		Catalog No.
Aqua		**FHD1U144LC12MP4**
Blue	⑥	**FHD1U144LC12MPS**

Standard Enclosures

Accept all standard cassettes

RUs	Catalog No.	RUs	Catalog No.
1	**FCR1U3SP**	3	**FCR3U12SP**
2	**FCR2U6SP**	4	**FCR4U15SP**

Cable

Description		Catalog No.
Indoor, tight buffer	⑦	**HFCD1** Series
Indoor, tight buffer, armored		**HFCD15** Series
Indoor/outdoor, tight buffer		**HFCD14** Series
Indoor/outdoor, tight buffer, armored		**HFCD19** Series
Outdoor, loose tube		**HFCH3** Series
Indoor/outdoor, loose tube		**HFCH2** Series

Note: See Section I for more information.

Standard Patch Cords

OM4 duplex zipcord jacket, plenum

Description	Catalog No.
LC to LC	**DFPCLCLCFyMM**
LC to LC, violet	**DFPCLCLCFyMVI**
LC to SC	**DFPCLCSCFyMM**
MSFP to LC	**MSFPLC50G4Myy**

*y = Standard Length: **1**, **2**, **3**, **4**, **5**, **6**, **8** or **10** meters*
*yy = Standard Length: **1** to **25** meters*

SECTION A ● END-TO-END Solutions