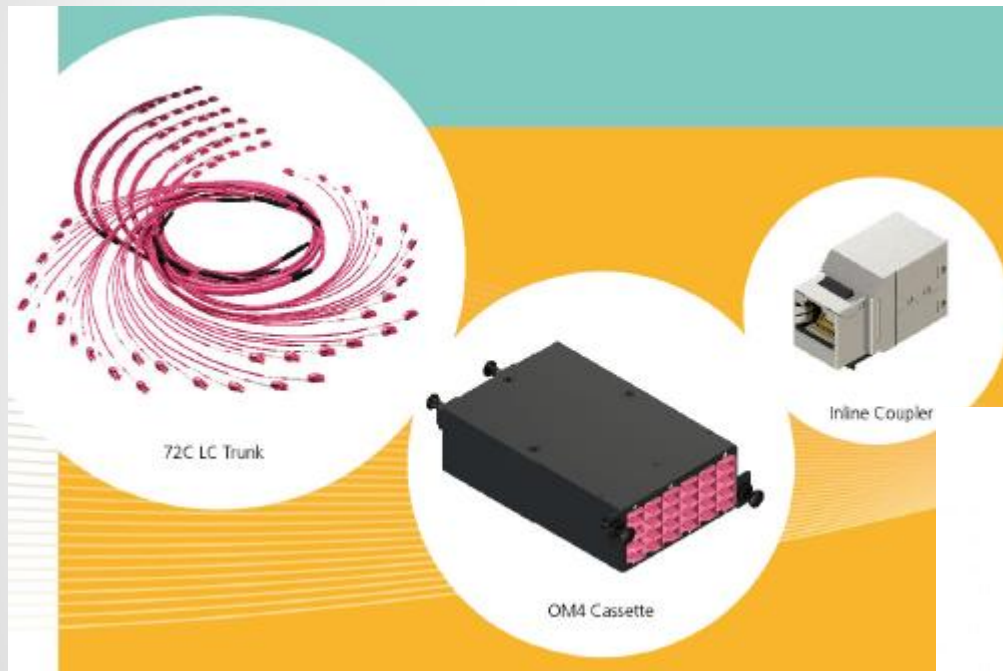




SM Value Add Technologies Pvt Ltd

Datacenter and Cloud Connect Solutions



SM VADD TECHNOLOGIES Pvt Ltd

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Haralur Road, Bangalore, India

Email: smvadd@gmail.com chandra@smvadd.com

Website: www.smvadd.com , Mob: +91-988 660 7135



SM VADD TECHNOLOGIES PVT LTD

Brief Introduction

- Fiber Optic Infra Solutions for Data Center , Cloud Systems ,Telecom , Server & Storage Applications.
- SM VADD design and Execute Passive Optical Fiber Networks and Structured Cabling Solutions.
- Design and Manufacture Fiber Pig Tail Cables ,Fiber Harness Cables and Optical Modules.
- SM VADD Founded and Started Operations in 2013, Bangalore ,India.
- Established ISO Certified Fiber Cable Assembly Production Unit in Bangalore.
- SM VADD solutions are shipped to US , Europe and APAC Markets.
- SM VADD committed to serve quality products at affordable prices.
- SM Core values are Customization , Innovation, Quality ,Customer Support and Value Addition.



MTP/MPO LGX Cassette



MTP/MPO Harness Cable



MTP/MPO Trunk Cable



Multi MTP/MPO Cable



MTP/MPO to 2xMTP/MPO Cable



MTP/MPO to 3xMTP/MPO Cable

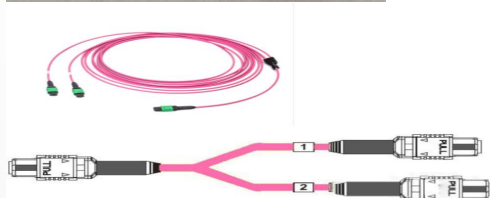


MTP/MPO Adapter Panel

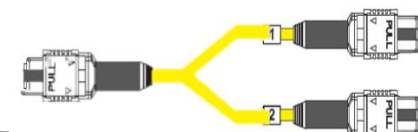


MTP/MPO Loopback

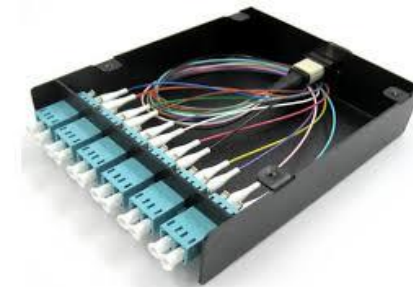
FIBER PATCH CORDS – SMF AND MMF – MPO 12 & 24



MPO Cable for 800G QSFP DD and OSFP 800G Breakout Cable 800G to 2 X 40G



800G to 4 X 200G, Dual MPO 12 for QSFPDD 800 and OSFP 800G



Note: The MPO 12, 2 row optical MDI is used for breakout applications and is not intended for structured cabling applications.

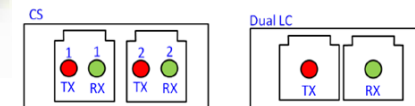
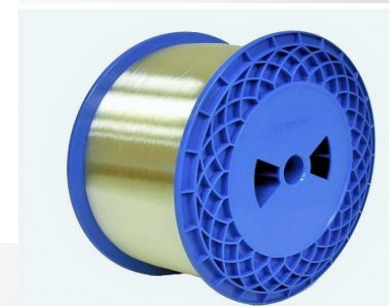
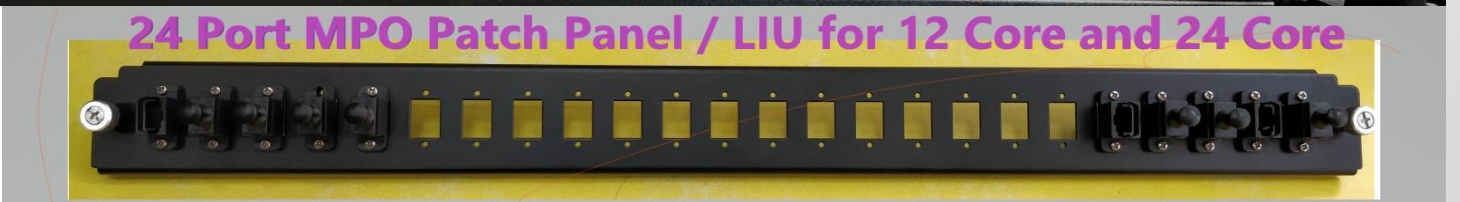
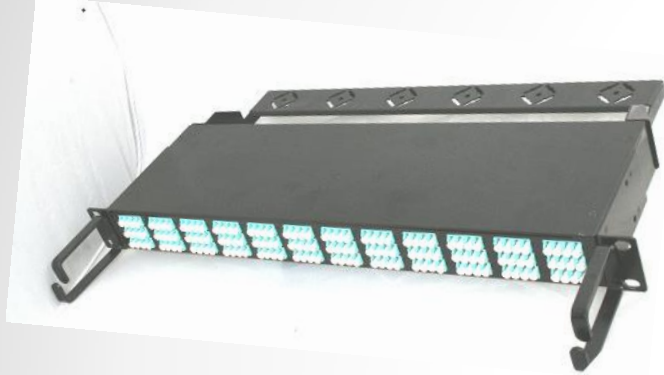


Figure 33: Optical Media Dependent Interface port assignments



LIU – ODF – FMS – LC & MPO – RACK TO RACK CABLING



SM VADD TECHNOLOGIES PVT LTD

Optical Modules , Direct Attach Cables and AOC Cables.

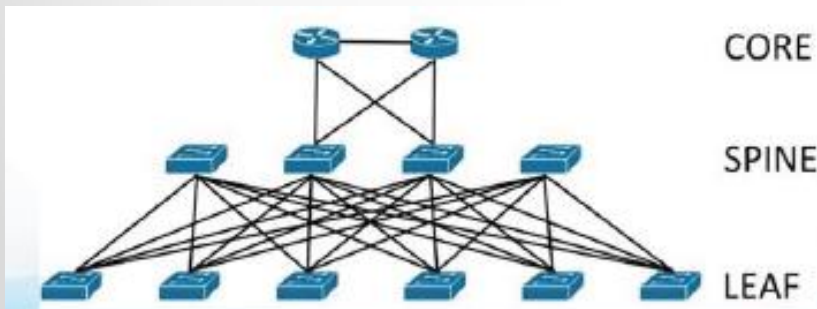
- SFP and SFP + SR/LR Modules for 56G/25G/10G and Copper DAC Cables.
- SFP 56G/ 25G Optical Modules and AOC Cables .
- QSFP Form Factor Based Modules for 40G/100G/400G/800G .
- QSFP 800G/ 400G – DD SR8 –Modules, DAC Cables and AOC Cables
- QSFP Break Out Cables 4 X 10G / 4X 25 G / 4X 100G / 8 X 100 G.
- High Density Fiber LIU/ODF Panels and CAT6A Patch Panels .
- CS and SN cables For 400 G and 800 G Single Mode Cables.
- Fiber Harness Cables for Rack to Rack and Structured Cabling applications.
- MPO 24 and 12 Core Cables for 800G/400G/100G/40G .
- Intelligent PDU's For Servers and Storage Systems.
- Server Grade Power Cords C19 , C20 ,C13 ,C20 Etc..
- Servers and Storage Systems for Data Centers and Enterprises.



SM VADD TECHNOLOGIES PVT LTD

Hardware Services

- Structured Cabling Solutions , Design and Implementation.
- HW Testing and Maintenance services for Voice and Data Networks.
- Data Center and Cloud Systems ,Network Design and Implementation.
- Switches & Routers HW Verification and Test.
- Data Center Design ,Implementation ,Test Planning and Execution .
- Structured Copper and Fiber Infrastructure Design and Execution.
- Fiber Infra Testing and Maintenance Services.
- Site Survey, Designing ,Laying ,Testing ,Project Management and Execution



SM VADD TECHNOLOGIES PVT LTD

Data Center Design, Execution and Maintenance

- Site survey and structured cabling design.
- Fiber sanity tests and passive cabling tests and evaluation.
- Fiber and copper cables installations.
- Maintenance services For Fiber and Copper Network.
- Data Center Migration Services and 40G /100G/200G/400G Cable Solutions.
- Racks and Cable Management Solutions.
- PDU's and Console Servers Implementations.



MTP/MPO LGX Cassette



MTP/MPO Harness Cable



MTP/MPO Trunk Cable



Multi MTP/MPO Cable



MTP/MPO to 2xMTP/MPO Cable



MTP/MPO to 3xMTP/MPO Cable



MTP/MPO Adapter Panel



MTP/MPO Loopback

800 G/ 400G Base SR8 - MPO/MTP Cable.

Specifications:

MPO 16 – Key Up to Key Down and Key Up to Key Up, Female to Female.

16 Fibers, Low Loss, Multi-Mode.

OM3/OM4 and SM Options.

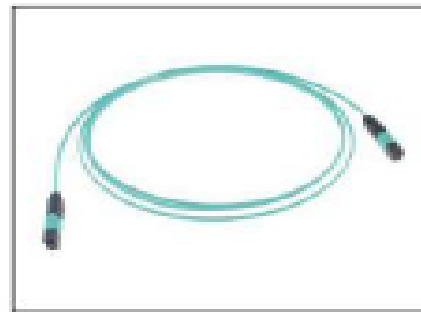
Operating Temperature -20 Deg C to +70 Deg C.

200G- 8 X 25 G non-return to Zero (NRZ) Coding.

400G- 8 X 50 G PAM4 Coding.

800G – 8 X 100G PAM4 Coding

Break Out Potential ,8 X 25G and 8 X 50G and 4 X 100G,8 X 100G



**MTP16 - MTP16
patchcord**

CONN.1 Position	Coating Color	CONN.2 Position
1	Blue	1
2	Orange	2
3	Green	3
4	Brown	4
5	Gray	5
6	White	6
7	Red	7
8	Black	8
9	Yellow	9
10	Purple	10
11	Pink	11
12	Aqua	12
13	Blue	13
14	Orange	14
15	Green	15
16	Brown	16

Y cable 400G to 2 X 200G ,200G to 2 X 100G MPO/MTP Cable.

Specifications:

MPO 16 to 2 X MPO 12 and Key Up to Key Up, Female to Female

16 Fibers Break Out, Low Loss, Multi-Mode .

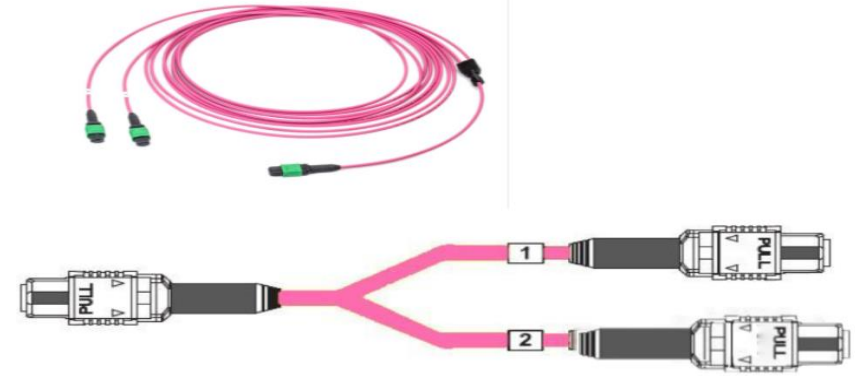
OM3/OM4 and SM Options.

Operating Temperature -20 Deg C to +70 Deg C.

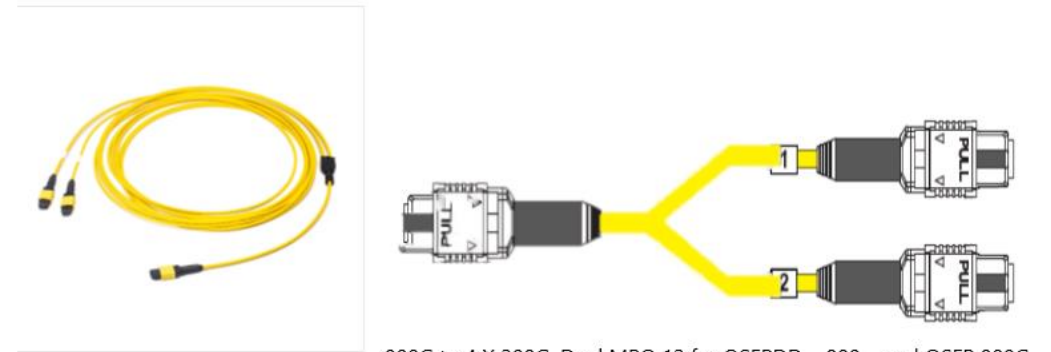
400G- 8 X 50G PAM4 Coding.

800G- 8 X 100 G With PAM4 Coding.

Break Out Potential, 8 X 50G and 4 X 100G.



MPO Cable for 800G QSFP DD and OSFP 800G Breakout Cable 800G to 2 X 400G



800G to 4 X 200G ,Dual MPO 12 for QSPDD 800 and OSFP 800G

MTP Trunk Cable Assembly



Customized MTP Cable Assemblies For Cloud Data Centers 100G/200G/400G

- Polarity A, B, C and customized are welcome
- 100% factory terminated and tested
- 8, 12, 24, 36, 48 cores... up to 144 cores are available
- Options with OM3, OM4 bend-insensitive fiber and OS2 G.657A
- Flexible micro cable reduced weight and carriage costs
- Parallel Optic Transmission Over 40G / 100G / 400G Ethernet
- "Plug and Play" solution eliminates in-filed termination, reduces installation cost and time

Transmission Performance

MTP mated pair	OM3 LOMMF		OM4 LOMMF		OS2 G.657A	
	Standard	Low Loss	Standard	Low Loss	Standard	Low Loss
Insertion Loss	< 0.5dB	< 0.35dB	< 0.5dB	< 0.35dB	< 0.75dB	< 0.35dB
Return Loss	> 20dB	> 25dB	> 20dB	> 25dB	> 60dB	> 60dB

Parallel Optic Transmission Over 40G / 100G / 400G Ethernet



MTP Y Cable Assembly



- Standard Polarity and customized are welcome
- 100% factory terminated and tested
- 1x24F to 2x12F / 1x24F to 3x8F / 2x12F to 3x8F are available
- Options with OM3, OM4 bend-insensitive fiber and OS2 G.657A
- Flexible micro cable reduced weight and carriage costs

Transmission Performance

MTP mated pair	OM3 LOMMF		OM4 LOMMF		OS2 G.657A	
	Standard	Low Loss	Standard	Low Loss	Standard	Low Loss
Insertion Loss	< 0.5dB	< 0.35dB	< 0.5dB	< 0.35dB	< 0.75dB	< 0.35dB
Return Loss	> 20dB	> 25dB	> 20dB	> 25dB	> 60dB	> 60dB

1x24F to 2x12F

End A Position	Fiber Color	End B Position
1	Blue	1
2	Orange	2
3	Green	3
4	Brown	4
5	Gray	5
6	White	6
7	Red	7
8	Black	8
9	Yellow	9
10	Purple	10
11	Pink	11
12	Aqua	12
13	Blue	1
14	Orange	2
15	Green	3
16	Brown	4
17	Gray	5
18	White	6
19	Red	7
20	Black	8
21	Yellow	9
22	Purple	10
23	Pink	11
24	Aqua	12

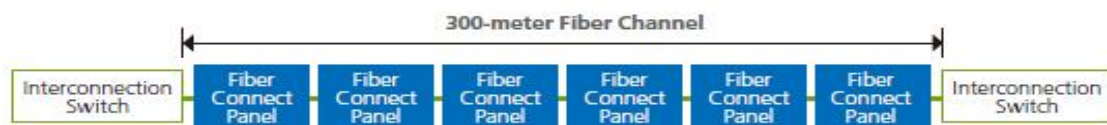
1x24F to 3x8F

End A Position	Fiber Color	End B Position
1	Blue	1
2	Orange	2
3	Green	3
4	Brown	4
5	Gray	1
6	White	2
7	Red	3
8	Black	4
9	Yellow	1
10	Purple	2
11	Pink	3
12	Aqua	4
13	Blue	12
14	Orange	11
15	Green	10
16	Brown	9
17	Gray	12
18	White	11
19	Red	10
20	Black	9
21	Yellow	12
22	Purple	11
23	Pink	10
24	Aqua	9

2x12F to 3x8F

End A Position	Fiber Color	End B Position
1	Blue	12
2	Orange	11
3	Green	10
4	Brown	9
5	Gray	4
6	White	3
7	Red	2
8	Black	1
9	Yellow	12
10	Purple	11
11	Pink	10
12	Aqua	9
1	Blue	4
2	Orange	3
3	Green	2
4	Brown	1
5	Gray	12
6	White	11
7	Red	10
8	Black	9
9	Yellow	4
10	Purple	3
11	Pink	2
12	Aqua	1

Fiber Optic Loss Budgets Calculation



10G LC OM3 300Mtr Channel with 6 Connections

Total Optimized MM Connector Loss:	$6 \times 0.15\text{dB/connector} = 0.90 \text{ dB}$
OM3 Cable Loss:	$300 \text{ m} \times 3.5\text{dB/km} = 1.05 \text{ dB}$
Total	1.95 dB < Max. 2.6dB

*Per IEEE802.3ae, a 10GBASE Channel over OM3 fiber has a Max. 300Mtr with Max. loss 2.6dB

10G LC OS2 300Mtr Channel with 6 Connections

Total Optimized SM Connector Loss:	$6 \times 0.15\text{dB/connector} = 0.90 \text{ dB}$
OS2 Cable Loss:	$300 \text{ m} \times 0.25\text{dB/km} = 0.08 \text{ dB}$
Total	0.98 dB < Max. 1.6dB

*Per IEEE802.3ae, a 10GBASE Channel over OS2 fiber has a Max. 300Mtr with Max. loss 1.6dB



Loss Calculation for 10G/40G/100G

40G MTP OM3 100Mtr Channel with 4 Connections

Total Optimized MM Connector Loss:	$4 \times 0.35\text{dB/connector} = 1.40 \text{ dB}$
OM3 Cable Loss:	$100 \text{ m} \times 2.2\text{dB/km} = 0.22 \text{ dB}$
Total	1.62 dB < Max. 1.9 dB

*Per IEEE802.3ba, a 40GBASE Channel over OM3 fiber has a Max. 100Mtr with Max. loss 1.9dB

100G MTP OM4 150Mtr Channel with 3 Connections

Total optimized Connector Loss:	$3 \times 0.35\text{dB/connector} = 1.05 \text{ dB}$
OM4 Cable Loss:	$150 \text{ m} \times 2.2\text{dB/km} = 0.33 \text{ dB}$
Total	1.38 dB < Max. 1.5 dB

*Per IEEE802.3ba, a 100GBASE Channel over OM4 fiber has a Max. 150Mtr with Max. loss 1.5dB

	10G	40G	100G
Approach	10G	10G X 4	10G X 10
Max. Distance	OM3: 300M (850nm) OM4: 550M (850nm) SMF: 10KM (1310nm)	OM3: 100M (850nm) OM4: 150M (850nm) SMF: 10KM (1310nm)	OM3: 100M (850nm) OM4: 150M (850nm) SMF: 10KM (1310nm)

USCONEC Certification



MTP to LC Harness Assembly



- UniBoot LC is polarity switchable design
- Half tube counts are ease of cable management
- 1x12C MTP to 6xLC uniboot / 1x12C MTP to 4xLC uniboot / 1x24C MTP to 10xLC uniboot are available
- 100% Factory terminated and tested
- Options with OM3, OM4 bend-insensitive fiber and OS2 G.657A

Ideal for Inter Rack Connectivity and Clean and Cluster Free Cabling

Transmission Performance

Harness	Multimode			Single mode		
	Insertion Loss		Return Loss	Insertion Loss		Return Loss
	Standard loss	Low Loss		Standard loss	Low Loss	
LC	< 0.3 dB	< 0.15 dB	> 35 dB	< 0.2 dB	< 0.15 dB	> 55 dB
MTP	< 0.5 dB	< 0.35 dB	> 20 dB	< 0.75 dB	< 0.35 dB	> 60 dB

Switch Polarity



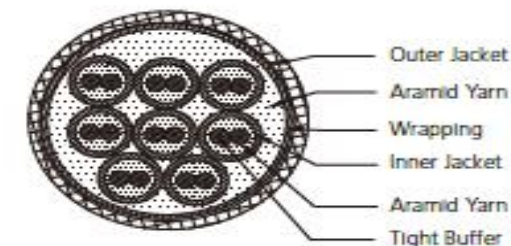
Bundled Multi-Cable LC Assembly



- Uniboot LC is polarity switchable design
- Red/Black color indication for polarity check
- 100% Factory terminated and tested
- Options with OM3, OM4 bend-insensitive fiber and OS2 G.657A
- 6, 8, 12cores... up to 24 cores are available with PVC outer jacket
- More than 24 cores bundled cable will be with Nylon sheath
- Bundled cable solution comes with breakout tubing length > 2.5M

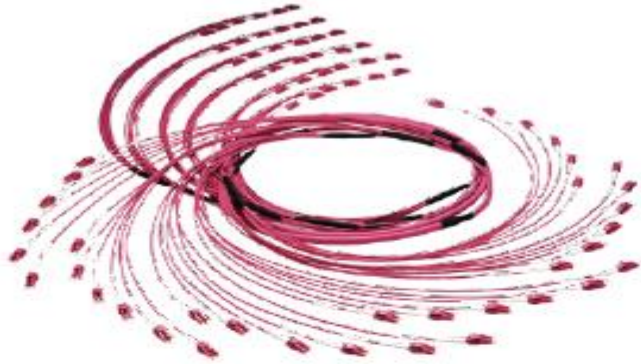
Transmission Performance

LC mated pair	300M/10G OM3		550M/10G OM4		10KM/10G OS2	
	Standard	Low Loss	Standard	Low Loss	Standard	Low Loss
Insertion Loss	< 0.3dB	< 0.15dB	< 0.3dB	< 0.15dB	< 0.2dB	< 0.15dB
Return Loss	> 35dB	> 40dB	> 35dB	> 40dB	> 55dB	> 55dB



Uniboot Flexible Cable Assemblies

UniBoot LC MicroCable Assembly



- UniBoot LC is polarity switchable design
- Red/Black color indication for polarity check
- 100% Factory terminated and tested
- Half tube counts are ease of cable management
- Flexible microcable reduced weight and carriage costs
- 2, 8, 12, 24, 36, 48 cores... up to 144 cores are available
- Options with OM3, OM4 bend-insensitive fiber and OS2 G.657A
- Breakout tubing Length Max. 2.5M.

Transmission Performance

LC mated pair	300M/10G OM3		550M/10G OM4		10KM/10G OS2	
	Standard	Low Loss	Standard	Low Loss	Standard	Low Loss
Insertion Loss	< 0.3dB	< 0.15dB	< 0.3dB	< 0.15dB	< 0.2dB	< 0.15dB
Return Loss	> 35dB	> 40dB	> 35dB	> 40dB	> 55dB	> 55dB

Switch Polarity



Extractor LC MicroCable Assembly



- Seesaw tab design makes LC connector easy extraction in high density construction
- Extractor LC is polarity switchable design
- Red/Black color indication for polarity check
- 100% Factory terminated and tested
- Half tube counts are ease of cable management
- 2, 8, 12, 24, 36, 48 cores... up to 144 cores are available
- Options with OM3, OM4 bend-insensitive fiber and OS2 G.657A
- Breakout tubing length Max. 2.5M.



Switch Polarity



Owl-Eyed Identification System

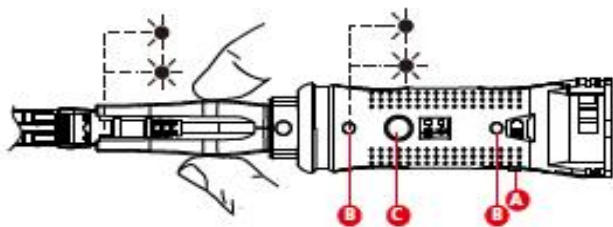


- Easily identify the termination point to the other
- Make trouble shooting easier
- Visually trace individual patch cord without pulling or affecting the patch cord
- LC Seesaw tab design makes easily access and removal in high density fiber patching environment
- Polarity switchable design in SC and LC
- Red / Black color indication for polarity check

Transmission Performance

LC mated pair	300M/10G OM3		550M/10G OM4		10KM/10G OS2	
	Standard	Low Loss	Standard	Low Loss	Standard	Low Loss
Insertion Loss	< 0.3dB	< 0.15dB	< 0.3dB	< 0.15dB	< 0.2dB	< 0.15dB
Return Loss	> 35dB	> 40dB	> 35dB	> 40dB	> 55dB	> 55dB

Power Source



- A. Power ON / OFF
B. Power Indicator light.
→Green: power is on.
→Red: power is running low.
→Inoperative: please replace battery.
C. Power Switch → two modes available.
⚡ : light indicator flashes rapidly
⚡ : light indicator remains on
Battery 4 pcs, A76 1.5V (LR44)

Loop Back

Fiber loop back provide an economical solution for a number of fiber optic test applications. These loop back cables offer a generous manageable fiber loop virtually eliminating bend loss. Each cable is functionally tested before shipping and is covered by a lifetime warranty. For MTP, device burn-in and loopback testing for network cards and QSFP modules. A signal loop from transceiver to receiver is within one MTP. Loopback includes SC, LC and 12C / 24C MTP connector types, allows testing of optical network segment by segment.



Transmission Performance

Insertion Loss	Multimode	Singlemode
MTP	< 1.5 dB	< 1.5 dB
LC / SC	< 0.5 dB	< 0.3 dB

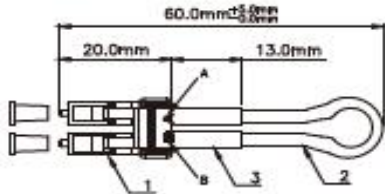
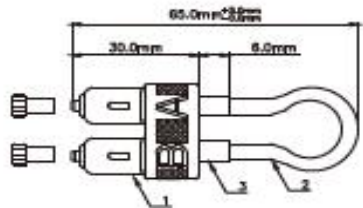
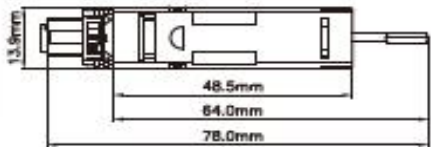
MTP Polarity



Channel	Standrd	Fiber Number
01	to	12
02	to	11
03	to	10
04	to	09
05	to	08
06	to	07

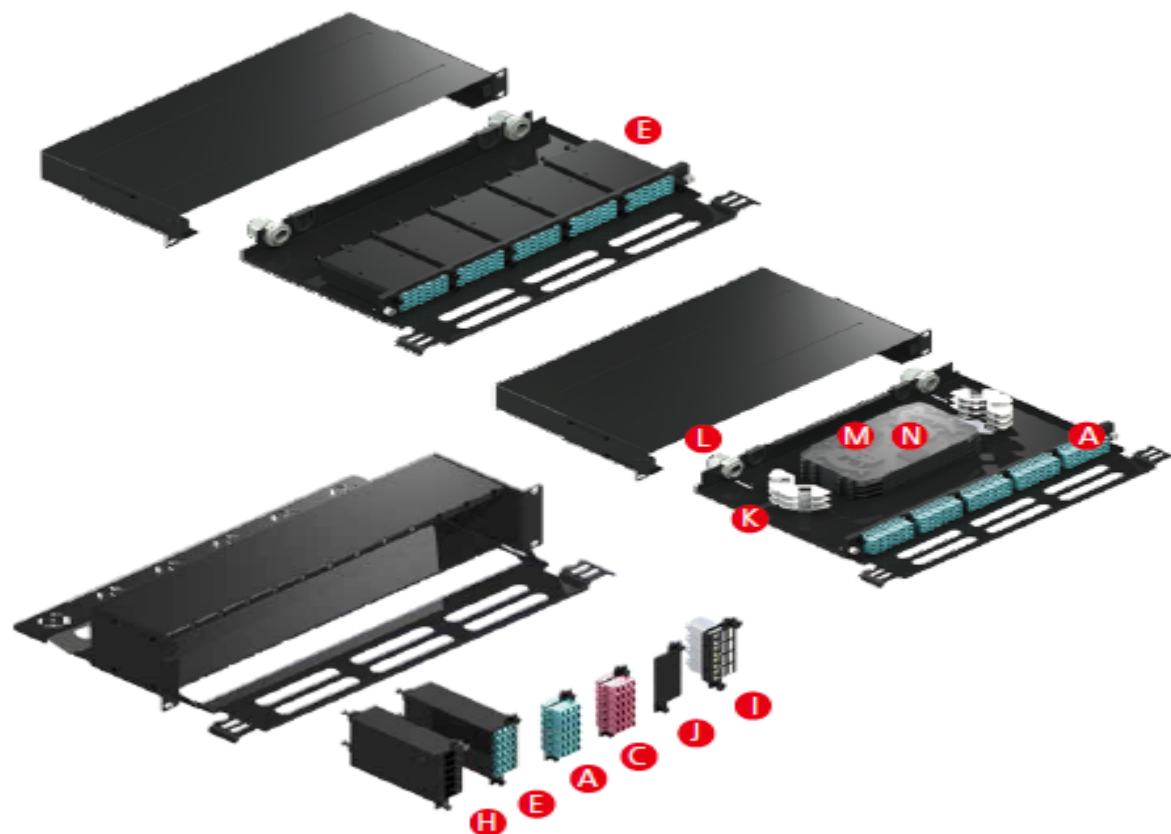


Channel	Standrd	Fiber Number
01	to	13
02	to	14
03	to	15
04	to	16
05	to	17
06	to	18
07	to	19
08	to	20
09	to	21
10	to	22
11	to	23
12	to	24



Multi-Function HD Fiber Patch Panel

Multi-Function high density fiber patch panel is constructed by flexible design to achieve diversified applications, like in-field fiber termination, pre-termination fiber cassette and RJ45 keystone termination. The maximum port number of 1U multi-function fiber patch panel is up to 120 ports.



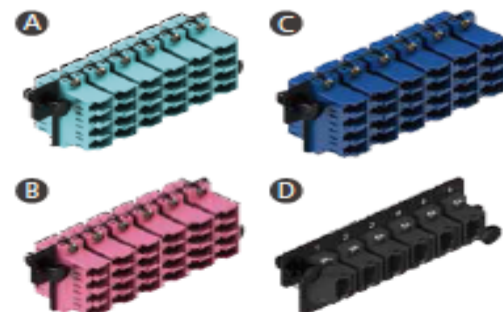
Cable Routing Spool



Cable Gland



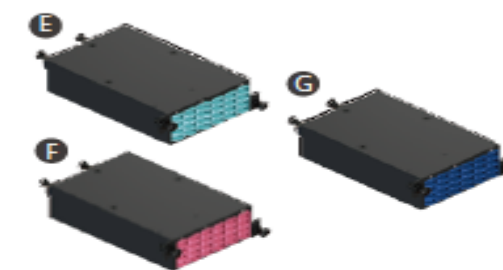
Fiber Splice Tray



24C LC Adaptor Panels

- 6 Quad LC adaptors
- Plug & Play for fast installation
- Ceramic sleeve for OM3, OM4 and SM
- Insertion loss < 0.2dB

A. OM3 Aqua adaptor
B. OM4 Violet adaptor
C. SM Blue adaptor
D. MTP Adaptor



24C MTP-LC Cassettes

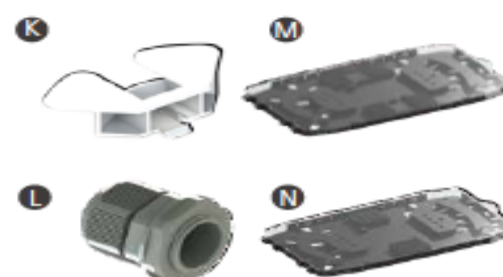
- 6 x Quad LC adaptors
- 2 x MTP adaptors
- 2 x 12F MTP-LC Harness
- 100% factory terminated and tested
- Low Insertion loss < 0.5dB
- Plug & Play for fast installation

E. OM3 Cassette
F. OM4 Cassette
G. SM Cassette



H. 40G/100G Cassette

- I. 4-Port Cat.6A Keystone Jack Panels
- Full shielded by zinc alloy housing
- C6A component performance
- Fits 23-26 awg solid and stranded cable
- Fits cable O.D. 5-8mm
- J. Blank Panel



K. Cable Routing Spool

L. Cable Gland

Option:

- M20 Cable O.D. 10mm-14mm
- M25 Cable O.D. 13mm-18mm

M. 12-Fiber Splice Tray

N. 24-Fiber Splice Tray

Multi-Function LGX Fiber Patch Panel

Multi-Function LGX fiber patch panel is constructed by flexible design to achieve diversified applications, like in-field fiber termination, pre-termination fiber cassette and RJ45 keystone termination. The panel accepts LGX cutout fiber adaptor plate, fiber cassette and even LGX 6 RJ45 keystone jack plate.



24C LC Adaptor Panels

- 6 Quad LC adaptors
- Plug & Play for fast installation
- Ceramic sleeve for OM3, OM4 and SM
- Insertion loss < 0.2dB

A. OM3 Aqua adaptor
B. OM4 Violet adaptor
C. SM Blue adaptor

12C LC Adaptor Panels

D. OM3 Aqua adaptor
E. OM4 Violet adaptor
F. SM Blue adaptor
G. MTP Adaptor

24C MTP-LC Cassettes

- 6 x Quad LC adaptors
- 2 x MTP adaptors
- 2 x 12F MTP-LC Harness
- 100% factory terminated and tested
- Low Insertion loss < 0.5dB
- Plug & Play for fast installation

H. OM3 Cassette
I. OM4 Cassette
J. SM Cassette

12C MTP-LC Cassettes

K. OM3 Cassette
L. OM4 Cassette
M. SM Cassette

N. 40G / 100G Migration Cassette

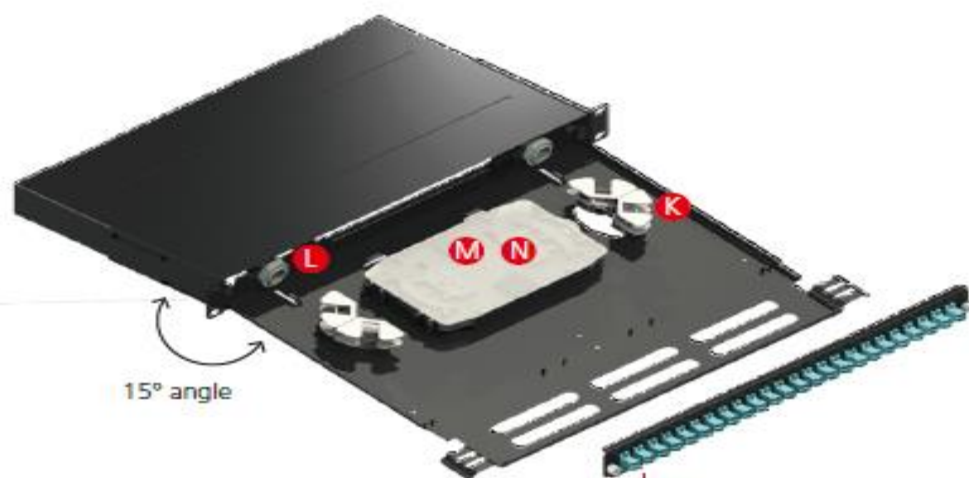
- Full shielded by zinc alloy housing
- C6A component performance
- Fits 23-26 awg solid and stranded cable
- Fits cable O.D. 5-8mm

P. Blank Panel



Fiber Patch Panel with Changeable Front Plate

1RU Multi-Function fiber patch panel is constructed by flexible design to achieve diversified applications, in-field fiber termination with various adaptor plates, like ST, FC, SC simplex, SC duplex, LC duplex, LC quad in 12port and 24port.



Changeable Front Plate A-J



Cable Routing Spool



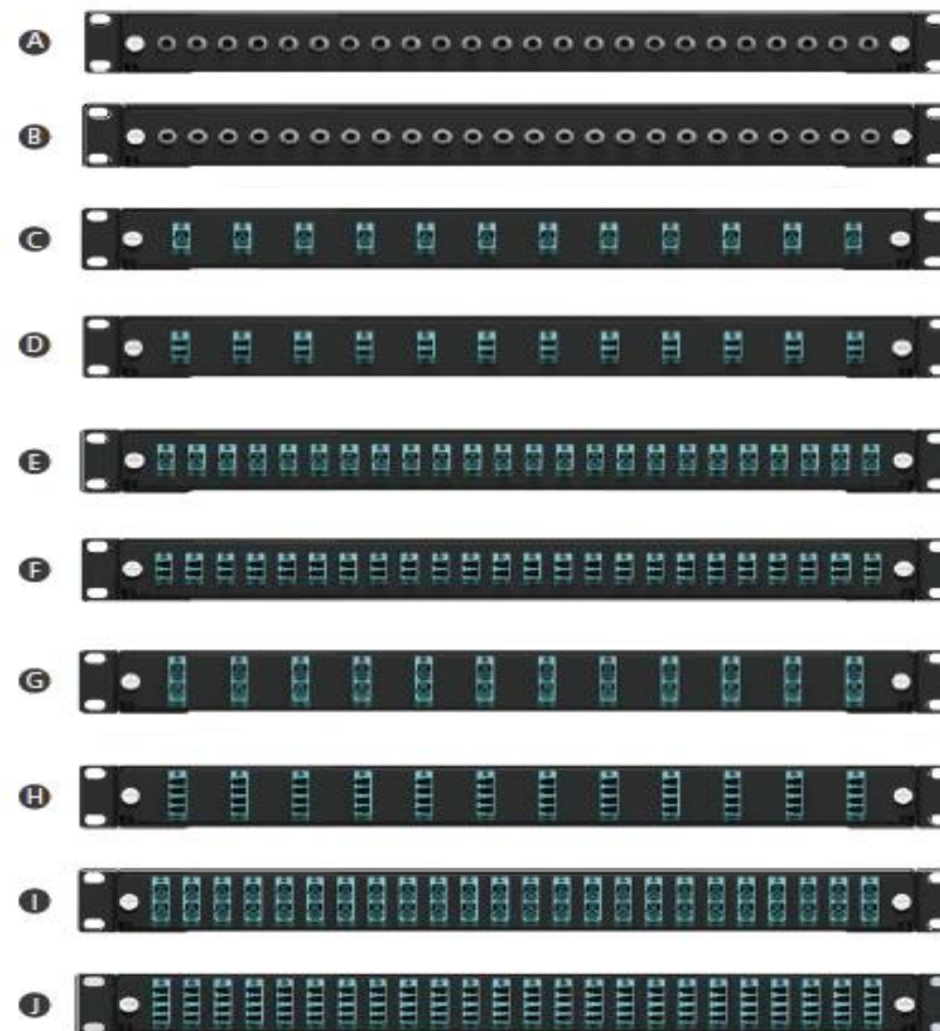
Cable Gland



Fiber Splice Tray

Front Plates

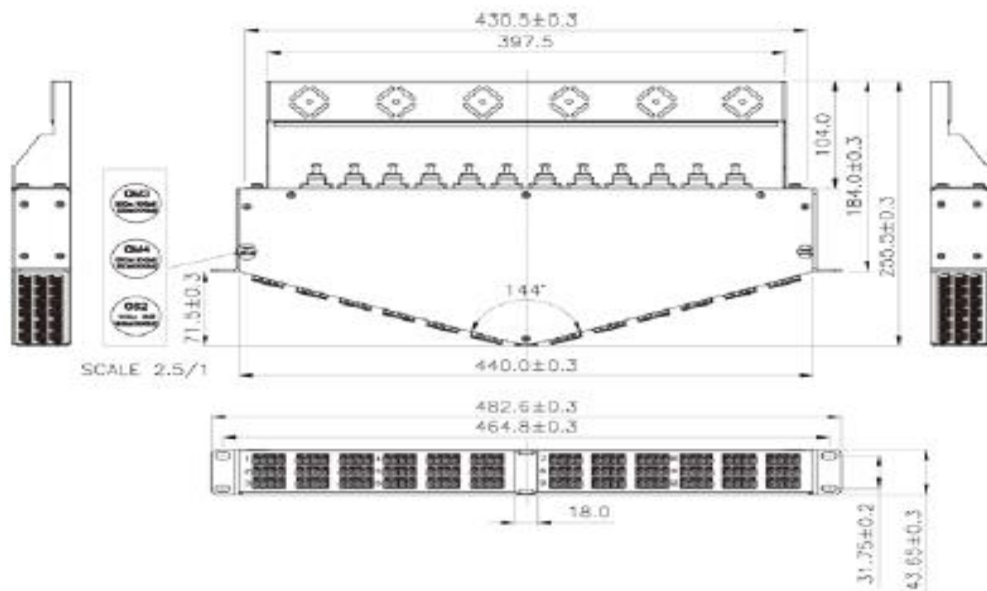
A FC 24pcs	C SC Simplex 12 pcs	E SC Simplex 24 pcs	G SC Duplex 12 pcs	I SC Duplex 24 pcs
B ST 24 pcs	D LC Duplex 12 pcs	F LC Duplex 24 pcs	H LC Quad 12 pcs	J LC Quad 24 pcs



1RU 144 Ports MTP to LC Angled Patch Panel



- Compact size with light weight 1.5kg
- High density design fill into cabinets and racks
- Minimizes patch cord bend radius to the rack
- Divert cables to two separate directions, makes cable management more efficient



1RU 192 Ports LC Patch Panel



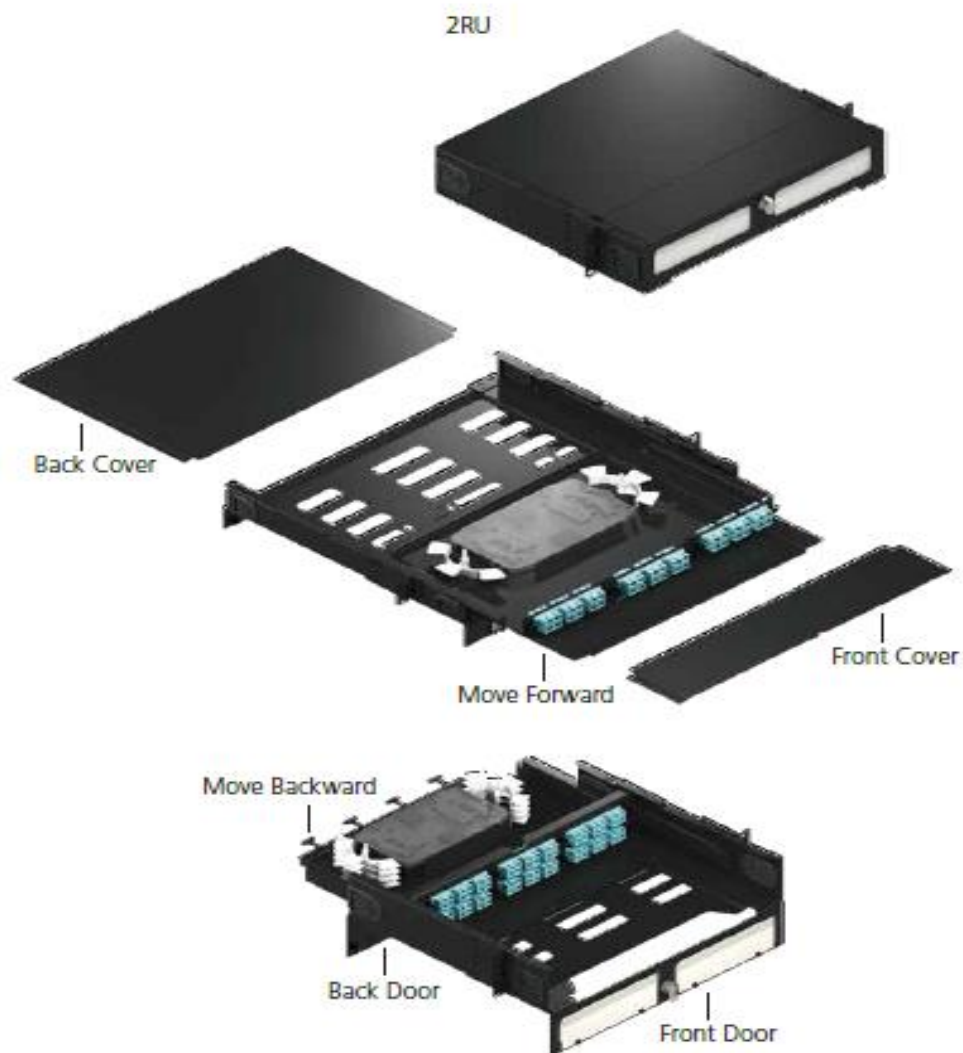
- High density design saves space and light weight
- Both of flat and angled front plates are available
- Neat and flush front plate with good looking
- Angled design minimizes patch cord bend radius to the rack
- Divert cables to two separate directions, makes cable management more efficient
- Removable and foldable cable management bar saves transportation cost and stock space
- LC adaptor 5M with ceramic sleeve IL < 0.2dB; MM with P.B. sleeve IL < 0.3dB
- LC adaptor color available in Blue, Beige, Aqua and Erika-violet

Foldable Cable Management



Bi-Direction Sliding Fiber Enclosure

Bi-Direction sliding fiber enclosure can be shut off with hinged front door and rear cover after termination, so it is away from dusts and prevents disconnection by careless touch, more secured and compact construction.



MTP to LC Breakout System



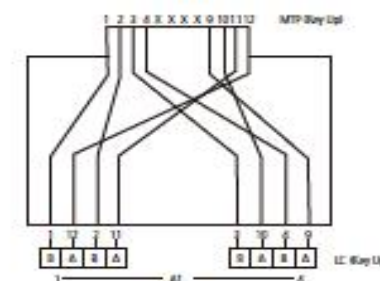
- Compact size design with 5" depth, weight 1.5kg
- Simple and easy installation with front patching design
- 16MTP to 64LC-Duplex and 12MTP to 48LC-Duplex offering greater choice
- Corning universal polarity or customized wiring assignment are accepted

Transmission Performance

		50um OM4 BIF	9um OS2 G.657A
MTP Mated Pair	Insertion Loss	≤ 0.35 dB	≤ 0.35 dB
	Return Loss	≥ 25 dB	≥ 60 dB
LC Mated Pair	Insertion Loss	≤ 0.15 dB	≤ 0.1 dB
	Return Loss	≥ 40 dB	≥ 55 dB

Wiring map

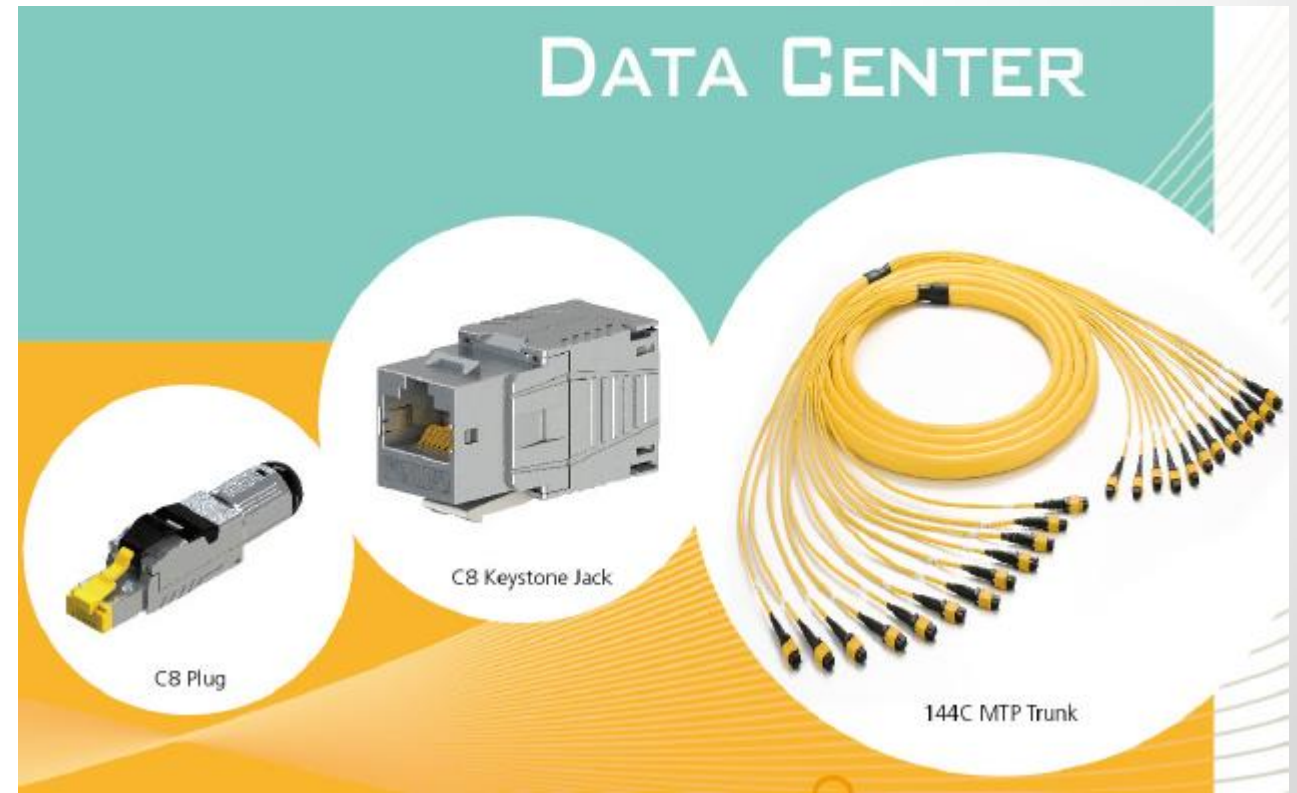
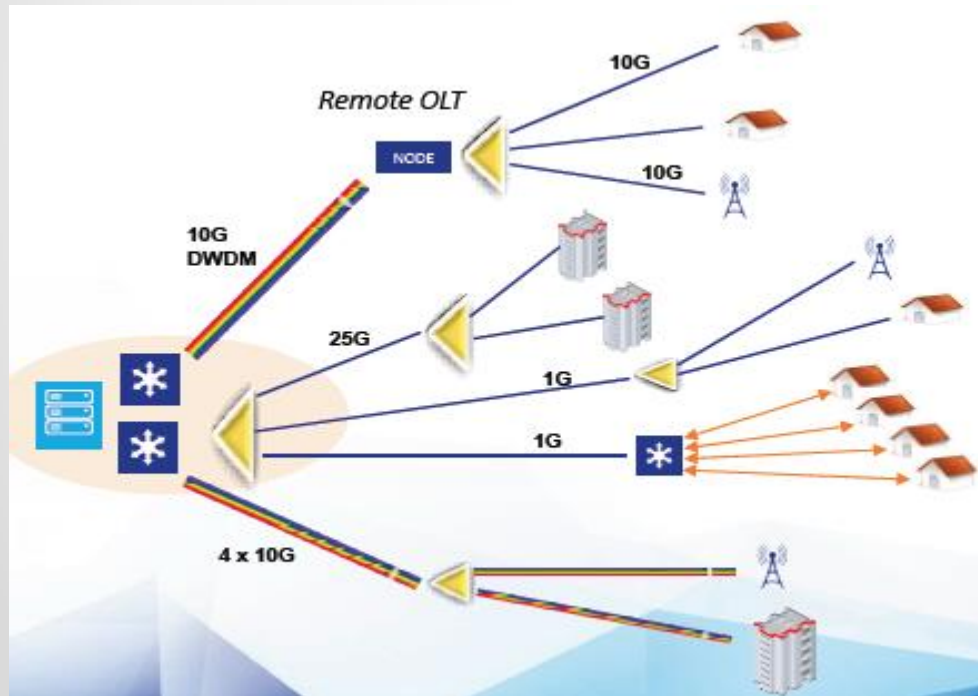
Fiber no.	Color	Fiber no.	Color
1.	Blue	7.	Red
2.	Orange	8.	Black
3.	Green	9.	Yellow
4.	Brown	10.	Violet
5.	Slate	11.	Rose
6.	White	12.	Aqua



SM VADD TECHNOLOGIES PVT LTD

Projects Executed So Far

- Fiber Infra Design for GSTN TAX Network Bangalore and Delhi .
- Optical Network Design For Cisco Test Labs.
- Customized Fiber Solutions for Hitachi.
- High Data Rate Solutions 40G/100G for IBM.
- RF Solutions for Ruckus Wireless (Brocade).
- Core Switching and Routing Net work Fiber design for Telecom clients.
- FTTX Network Work Design for Apartments.
- CCTV Installations for Factories ,Schools and Enterprises.



SM VADD TECHNOLOGIES PVT LTD

Power Distribution Units – Basic , Metered and Integrated Cabinet Power Monitor

Basic PDU .

Monitored PDU -3 Phase ,True RMS Current Meter.

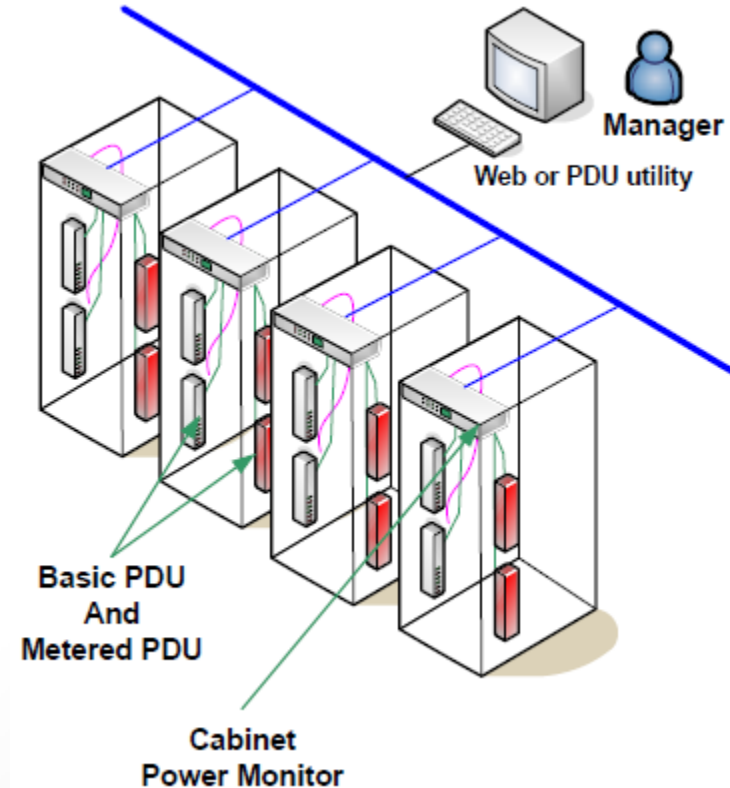
Alarm Thresholds warning and Overload.

Event Alert Audible Alarm.

Remote Power Monitoring Features, Web and SNMP.

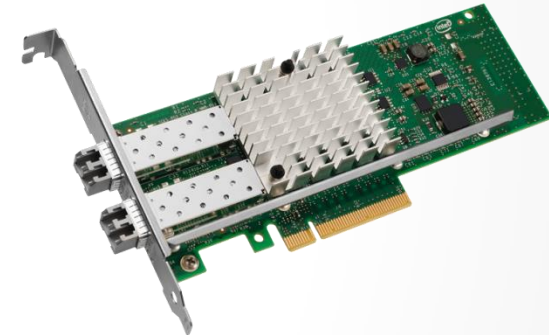
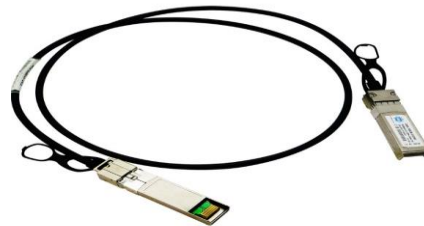
Vertical and Horizontal Mounting Options.

Remoter Power On /Off and Monitor Power Load.



SM VADD TECHNOLOGIES PVT LTD

CUSTOMIZED PRODUCTS ,TRANSCEIVER MODULES AND AOC CABLES



SM VADD TECHNOLOGIES PVT LTD

Markets and Industries we operate

- Telecom – Voice and Data Networks
- IT Networking Hardware and Embedded
- Defense & Avionics Hardware Design and Manufacturing
- Medical Electronics Industry
- Automotive Electronics Design and Testing Industries
- Semiconductor Design and Verification industry



WIRELESS
ACCESS



BROADBAND
ACCESS



DATA CENTER

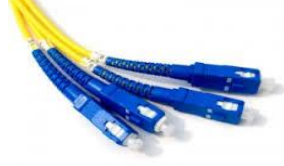


TRANSMISSION

SM VADD TECHNOLOGIES PVT LTD

Our Strengths

- IT and Electronics Manufacturing Industry Expertise.
- Data Center , Telecom ,Data and Voice Network Knowledge.
- Experienced Resources to address different Industries and Markets.
- Structured Cable Design and Execution.
- New Customer and Markets development.
- Quality customer support and collaboration.
- Young , Experienced and Dynamic Team.



SM VADD TECHNOLOGIES PVT LTD

Customer Base

- **Telecom and Networking** : Cisco ,Juniper ,Aruba, Broadcom,BEL,WIPRO,HCL
- **Semiconductor** : Intel ,TI ,Qualcomm
- **Embedded HW** : Delphi,Moog,Local Hardware Manufacturers
- **Defense and Avionics** : Defense Labs, Avionics Design Labs



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