

Your Trustworthy Partner

---For Fate Center and 40/100G Optical Module Packaging



Welcome to our factory.



Vchung Technology Co. Ltd (VCHUNG) is a leading company which focuses on MPO/MTP series products for the telecom, data center, 40G/100G optical modules(QSFP, QSFP+), 40/100G system, interconnection networks, the MPO/MTP series products include MPO/MTP Jumper, MPO/MTP Loopback, MPO/MTP Cassette for 1U Rack, MPO/MTP for Data Center connecting, AOC and Active modules, Pre-terminated cable, Standard termination FC/SC/LC etc for MPO/MTP, meanwhile, Vchung Tech. sales of imported MPO ferrule and MPO Guide PIN (Metal holder type) to provide customers with high quality products.

MTP/MPO production is about fifty thousand jumper (on end) per month; MTP/MPO end-face 100% meets the requirements of the interference. Vchung Tech. also provide OEM service for domestic and overseas large scale company.

VchungTech. Have passes ISO9001:2008 international quality system certification

All products compliance with Rohs certification

All incoming materials and finished products undergone strict factory test

Free technical support, al products are maintained in lifetime.

Contact us

Vchung Technology Co. Ltd

Tel: +86 755-81481899

Fax: +86 755-81481889

E-Mail: gavin.huang@vchung.cn

Skype:gamvinhuang

Add:Room 201, Block A, No.1, Qianhai Road 1, Qianhaishen Port
Cooperative District, Shenzhen, Guangdong, P.R.C

Website: <http://www.vchung.cn>

Vchung--Your Trustworthy Partner

MTP/MPO Trunk Cables

ORC' s MTP/ MPO trunk cables are designed to high density multi-fibers solutions, fit for different installation environment and easy to install between the trunk line, data centers and buildings. Our trunk cables are 100% factory tested and can meet your special requirements. All the MTP/MPO connector compliance with Telcordia GR-1435-Core Compliant.



Features

- ♦MTP and MPO are available
- ♦High performance in IL&RL
- ♦100% pre-terminated tested
- ♦Pulling eye design easy for cabling
- ♦4F,8F,12F, 24F, 48F, 72F, 96F, 144F or customized
- ♦Suitable for MTP/MPO application
- ♦SM,OM1,OM2,OM3,OM4 or customized
- ♦LSZH, OFNR, OFNP available
- ♦Compliance with Telcordia GR-1435-CORE Compliant
- ♦Compliance with UL 94-V0 compliant
- ♦RoHS compliant

Application

- ♦Backbone installation
- ♦Data center cabling
- ♦Support 40G and 100G network
- ♦Telecommunication network
- ♦Industrial&Military

Optical Performance Specifications

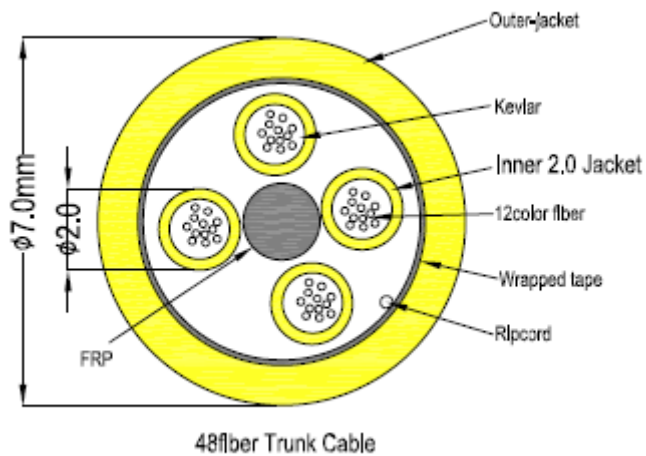
Parameters			Unit	Specifications			
				SM		MM	
				Standard	Elite/Low Loss	Standard	Elite/Low Loss
Insertion Loss		Typical	dB	0.35	0.20	0.35	0.20
		Max	dB	0.75	0.35	0.70	0.35
Return Loss	APC	Min	dB	60		30	
	PC	Min	dB	50		25	
Test Wavelength			nm	1310/1550		850/1310	
Operating Temperature			℃	-5~ 60			
Storage Temperature			℃	-20~ 85			

Note:

- 1.IL&RL test at room temperature.
- 2.IL&RL test at 1310nm and 1550nm for singlemode,850nm and 1310nm for multimode
- 3.This spec for cable length less than 3 meters.

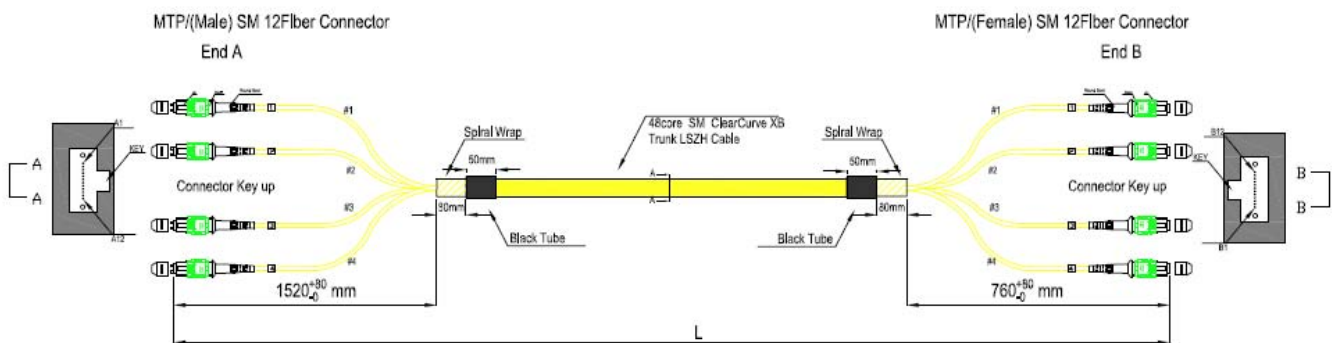
Vchung--Your Trustworthy Partner

Cable Structure Schematic Diagram



#1	#2	#3	#4	#1	#2	#3	#4	Fiber Color
A1	A1	A1	A1	B1	B1	B1	B1	Blue
A2	A2	A2	A2	B2	B2	B2	B2	Orange
A3	A3	A3	A3	B3	B3	B3	B3	Green
A4	A4	A4	A4	B4	B4	B4	B4	Brown
A5	A5	A5	A5	B5	B5	B5	B5	Slate
A6	A6	A6	A6	B6	B6	B6	B6	White
A7	A7	A7	A7	B7	B7	B7	B7	Red
A8	A8	A8	A8	B8	B8	B8	B8	Black
A9	A9	A9	A9	B9	B9	B9	B9	Yellow
A10	A10	A10	A10	B10	B10	B10	B10	Violet
A11	A11	A11	A11	B11	B11	B11	B11	Rose
A12	A12	A12	A12	B12	B12	B12	B12	Aqua

Assembly Structure Schematic Diagram



Ordering Information

Fiber Count	FiberType	Gudie Pin①	Connector Type①	Cable Type	Cable Length	Fan-out Cable Length	Polarity
1=4	1=OM1	M=Male	0=NONE	1=3.0 Mini Cable	01=1.0M	1=0.5 M	A=Type A
2=8	2=OM2	F=Female	1=MTP Standard	2=3.6 Cable	02=2.0M	2=0.75M	B=Type B
3=12	3=OM3		2=MTP Elite	3=4.5 Cable	03=3.0M	2=1.0 M	C=Type C
4=16	4=OM4		3=MPO Standard	4=7.2 Cable	..	X=Customized	D=Type D
5=24	5=G.652D		4=MPO Lowloss	X=Customized	..		
6=48	6=G.657A1				99=99M		
7=72	7=G.657A2				XX=Customized		
8=96	X=Customized						
9=144							
X=Customized							
Puling Eye	Connector Type②	Cable Material					
1=Both Side	0=NONE	1=LSZH					
2=One Side	1=MTP Standard	2=OFNP					
3=None	2=MTP Elite	3=OFNR					
	3=MPO Standard						
	4=MPO Lowloss						

OMT=Optic MTP/MPO Trunk Cables

For more information pls visit our website: www.vchung.com

Vchung--Your Trustworthy Partner

MTP/MPO Hybrid Trunk Cables

ORC' s MTP / MPO Hybrid trunk cables are designed to high density multi-fibers solutions, it designed to use fan-out kit convert to standard connectors. One side use MTP/MPO high density multi-fiber connector and the other side usually with LC/SC/FC/MTRJ/E2000 and so on.It fit for different installation environment and easy to install between 40/100G optical module equipment, data centers and buildings. Our cables are 100% factory tested and can meet your special requirements. All the MTP/MPO connector compliance with Telcordia GR-1435-Core Compliant.



Features

- ♦MTP and MPO are available
- ♦High performance in IL&RL
- ♦100% pre-terminated tested
- ♦Pulling eye design easy for cabling
- ♦4F,8F,12F, 24F, 48F, 72F, 96F, 144F or customized
- ♦Suitable for MTP/MPO application
- ♦SM,OM1,OM2,OM3,OM4 or customized
- ♦LSZH, OFNR, OFNP available
- ♦Compliance with Telcordia GR-1435-CORE Compliant
- ♦Compliance with UL 94-V0 compliant
- ♦RoHS compliant

Application

- ♦Backbone Installation
- ♦Data Center Cabling
- ♦Support 40G and 100G Network
- ♦Telecommunication Network
- ♦Industrial&Military

MTP/MPO Optical Performance Specifications

Parameters			Unit	Specifications			
				SM		MM	
				Standard	Elite/Low Loss	Standard	Elite/Low Loss
Insertion Loss		Typical	dB	0.35	0.20	0.35	0.20
		Max	dB	0.75	0.35	0.70	0.35
Return Loss	APC	Min	dB	60		30	
	PC	Min	dB	50		25	
Test Wavelength			nm	1310/1550		850/1310	
Operating Temperature			℃	-5~ 60			
Storage Temperature			℃	-20~ 85			

Note:

- 1.IL&RL test at room temperature.
- 2.IL&RL test at 1310nm and 1550nm for singlemode,850nm and 1300nm for multimode

Vchung--Your Trustworthy Partner

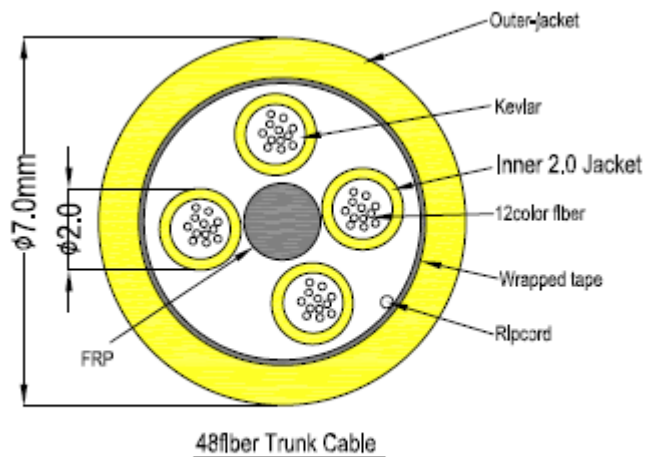
Standard Connector Optical Performance Specifications

Type	Insertion Loss		Return Loss		
	Multi-mode	Single-mode	Single-mode		Multi-mode
			UPC	APC	PC
SC	≤0.30dB(Typ0.20)	≤0.30dB(Typ0.20)	≥50dB(Typ55)	≥60dB	≥20dB
LC	≤0.30dB(Typ0.20)	≤0.30dB(Typ0.20)	≥50dB(Typ55)	≥60dB	≥20dB
FC	≤0.30dB(Typ0.20)	≤0.30dB(Typ0.20)	≥50dB(Typ55)	≥60dB	≥20dB
ST	≤0.30dB(Typ0.20)	≤0.30dB(Typ0.20)	≥50dB(Typ55)	≥60dB	≥20dB
MU	≤0.30dB(Typ0.20)	≤0.30dB(Typ0.20)	≥50dB(Typ55)	≥60dB	≥20dB
E2000	≤0.30dB(Typ0.20)	≤0.30dB(Typ0.20)	≥50dB(Typ55)	≥60dB	≥20dB
MT-RJ	≤0.30dB(Typ0.20)	≤0.30dB(Typ0.20)	≥50dB(Typ55)	≥60dB	≥20dB

Note:

- 1.IL&RL test at room temperature.
- 2.IL&RL test at 1310nm and 1550nm for singlemode,850nm and 1300nm for multimode
- 3.This spec for cable length less than 3 meters.

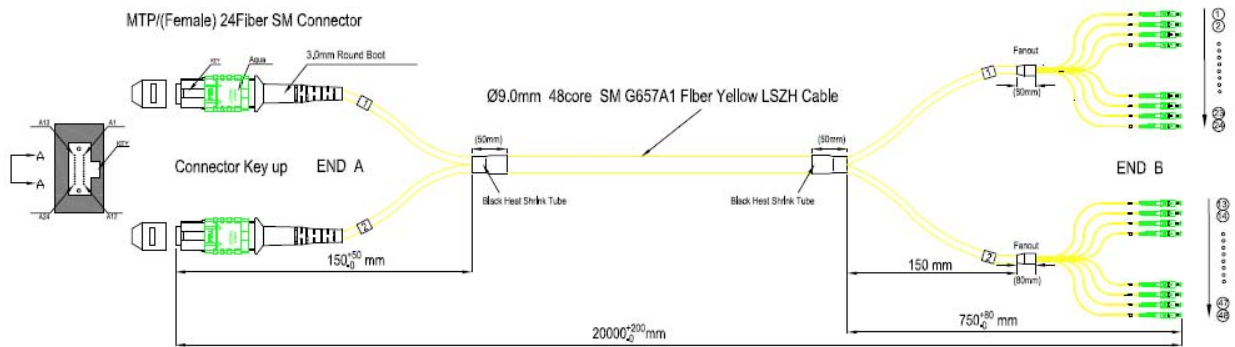
Cable Structure Schematic diagram



#1	#2	#3	#4	Fiber Color
A1	A1	A1	A1	Blue
A2	A2	A2	A2	Orange
A3	A3	A3	A3	Green
A4	A4	A4	A4	Brown
A5	A5	A5	A5	Slate
A6	A6	A6	A6	White
A7	A7	A7	A7	Red
A8	A8	A8	A8	Black
A9	A9	A9	A9	Yellow
A10	A10	A10	A10	Violet
A11	A11	A11	A11	Rose
A12	A12	A12	A12	Aqua

Vchung--Your Trustworthy Partner

Assembly Structure Schematic Diagram



Ordering Information

OMHT

Fiber Count

1=4

2=8

3=12

4=16

5=24

6=48

7=72

8=96

9=144

X=Customized

FiberType

1=OM1

2=OM2

3=OM3

4=OM4

5=G.652D

6=G.657A1

7=G.657A2

X=Customized

Puling Eye

1=Both Side

2=One Side

3=None

Gudie Pin①

M=Male

F=Female

Connector Type①

0=None

1=MTP Standard

2=MTP Elite

3=MPO Standard

Connector Type②

0=None

1=FC/UPC

2=FC/APC

3=SC/UPC

4=SC/APC

5=LC/UPC

6=LC/APC

7=ST/UPC

8=MU

9=E2000/UPC

X=Customized

Cable Type

1=3.0 Mini Cable

2=3.6 Cable

3=4.5 Cable

3=7.2 Cable

X=Customized

Cable Material

1=LSZH

2=OFNP

3=OFNR

Cable Length

01=1.0M

02=2.0M

03=3.0M

..

..

99=99M

XX=Customized

Fan-out Cable Type

1=0.9 mm

2=2.0 mm

3=3.0 mm

X=Customized

Fan-out Cable Length

1=0.5 M

2=1.0 M

X=Customized

OMHT=Optic MTP/MPO & Standard Connectors Hybrid Turnk Cables

Vchung--Your Trustworthy Partner

Pre-terminated Multi-fibers Trunk Cables

ORC' s pre-terminated multi-fibers trunk cables are designed to high density multi-fibers solutions, fit for different installation environment and easy to install between the trunk line, data centers and buildings. Our trunk cables are 100% factory tested and can meet your special requirements. All the standard connectors compliance with Telcordia GR-326-Core Compliant and RoHS compliant.



Features

- ♦MTP and MPO are available
- ♦High performance in IL&RL
- ♦100% pre-terminated tested
- ♦Pulling eye design easy for cabling
- ♦8F,12F, 24F, 48F, 72F, 96F, 144F or customized
- ♦SM,OM1,OM2,OM3,OM4 or customized
- ♦LSZH, OFNR, OFNP available
- ♦Compliance with Telcordia GR-326-CORE Compliant
- ♦Compliance with UL 94-V0 compliant
- ♦RoHS compliant

Application

- ♦Backbone installation
- ♦Data center cabling
- ♦Telecommunication network
- ♦Industrial&Military

Optical Performance Specifications

Type	Insertion Loss		Return Loss		
	Multi-mode	Single-mode	Single-mode		Multi-mode
			UPC	APC	PC
SC	≤0.30dB(Typ0.20)	≤0.30dB(Typ0.20)	≥50dB(Typ55)	≥60dB	≥20dB
LC	≤0.30dB(Typ0.20)	≤0.30dB(Typ0.20)	≥50dB(Typ55)	≥60dB	≥20dB
FC	≤0.30dB(Typ0.20)	≤0.30dB(Typ0.20)	≥50dB(Typ55)	≥60dB	≥20dB
ST	≤0.30dB(Typ0.20)	≤0.30dB(Typ0.20)	≥50dB(Typ55)	≥60dB	≥20dB
MU	≤0.30dB(Typ0.20)	≤0.30dB(Typ0.20)	≥50dB(Typ55)	≥60dB	≥20dB
E2000	≤0.30dB(Typ0.20)	≤0.30dB(Typ0.20)	≥50dB(Typ55)	≥60dB	≥20dB
MT-RJ	≤0.30dB(Typ0.20)	≤0.30dB(Typ0.20)	≥50dB(Typ55)	≥60dB	≥20dB

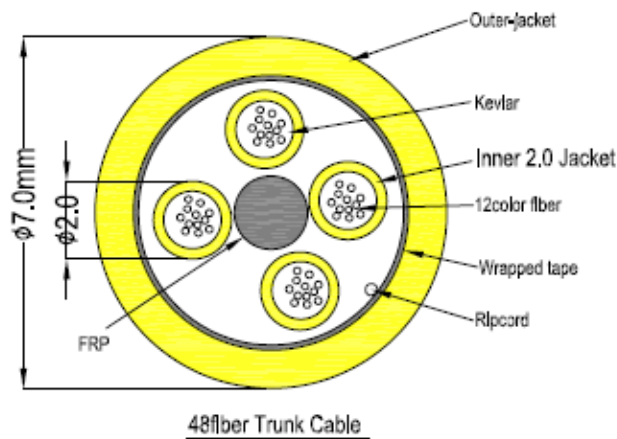
Note:

- 1.IL&RL test at room temperature.
- 2.IL&RL test at 1310nm and 1550nm for singlemode,850nm and 1300nm for multimode
- 3.This spec for cable length less than 3 meters.

For more information pls visit our website:www.vchung.com

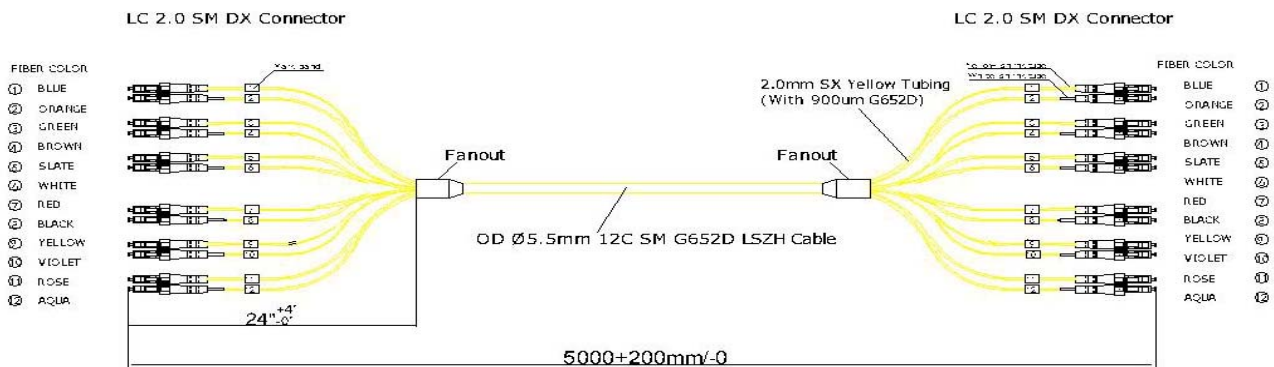
Vchung--Your Trustworthy Partner

Cable Structure Schematic Diagram

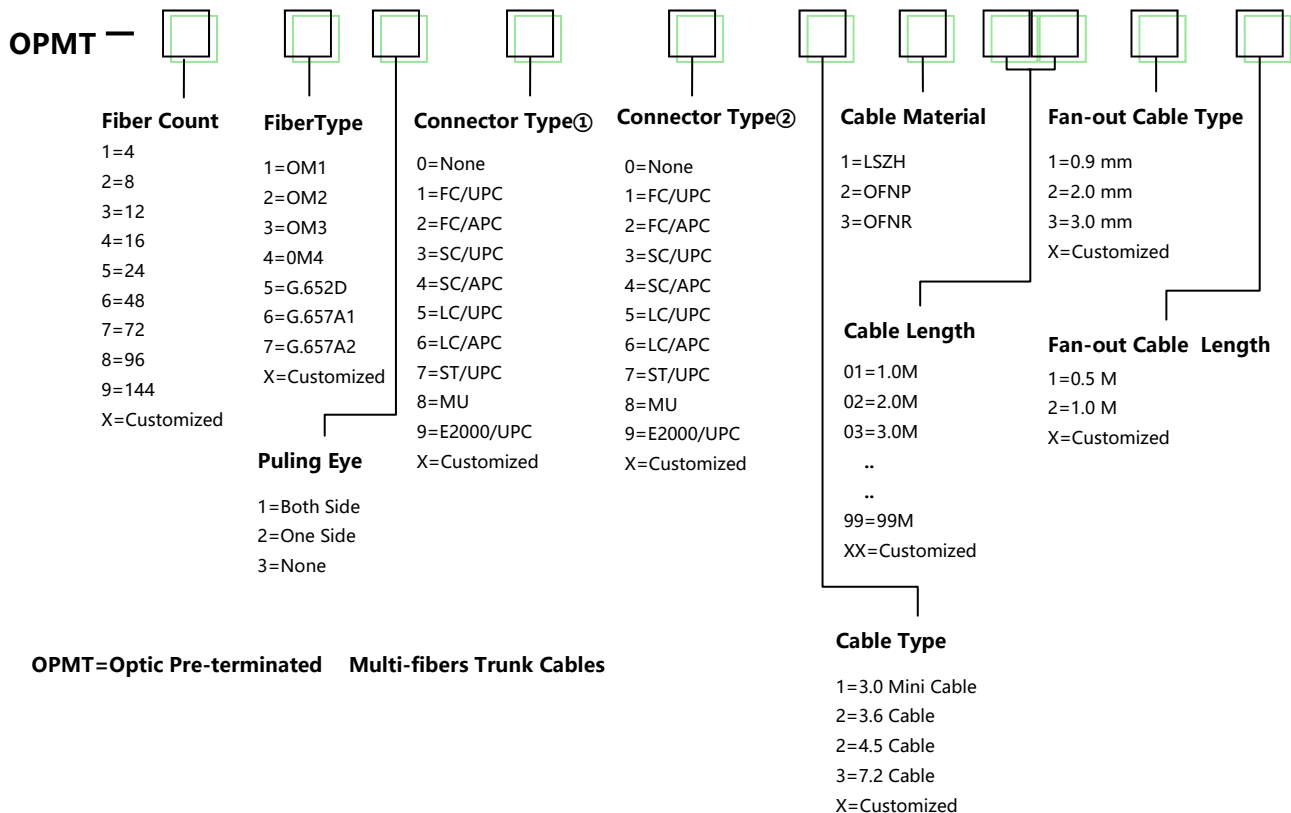


#1	#2	#3	#4	Fiber Color
A1	A1	A1	A1	Blue
A2	A2	A2	A2	Orange
A3	A3	A3	A3	Green
A4	A4	A4	A4	Brown
A5	A5	A5	A5	Slate
A6	A6	A6	A6	White
A7	A7	A7	A7	Red
A8	A8	A8	A8	Black
A9	A9	A9	A9	Yellow
A10	A10	A10	A10	Violet
A11	A11	A11	A11	Rose
A12	A12	A12	A12	Aqua

Assembly Structure Schematic Diagram



Ordering Information



Vchung--Your Trustworthy Partner

MTP/MPO Patchcord

ORC' s MTP / MPO Patchcord are designed to high density multifibers solutions,fit for different installation environment and easy to install between the trunk line,data centers and buildings.Our patchcord are 100% factory tested and can meet your special requirements.All the MTP/MPO connector compliance with Telcordia GR-1435-Core Compliant.



Features

- ♦MTP and MPO are available
- ♦High performance in IL&RL
- ♦100% pre-terminated tested
- ♦Pulling eye design easy for cabling
- ♦4F,8F,12F,16F, 24F or customized
- ♦Suitable for MTP/MPO application
- ♦SM,OM1,OM2,OM3,OM4 or customized
- ♦LSZH, OFNR, OFNP available
- ♦Compliance with Telcordia GR-1435-CORE Compliant
- ♦Compliance with UL 94-V0 compliant
- ♦RoHS compliant

Application

- ♦40/100G Optical Modules Connectivity
- ♦Data center cabling
- ♦Support 40G and 100G network
- ♦Telecommunication network
- ♦Industrial&Military

Optical Performance Specifications

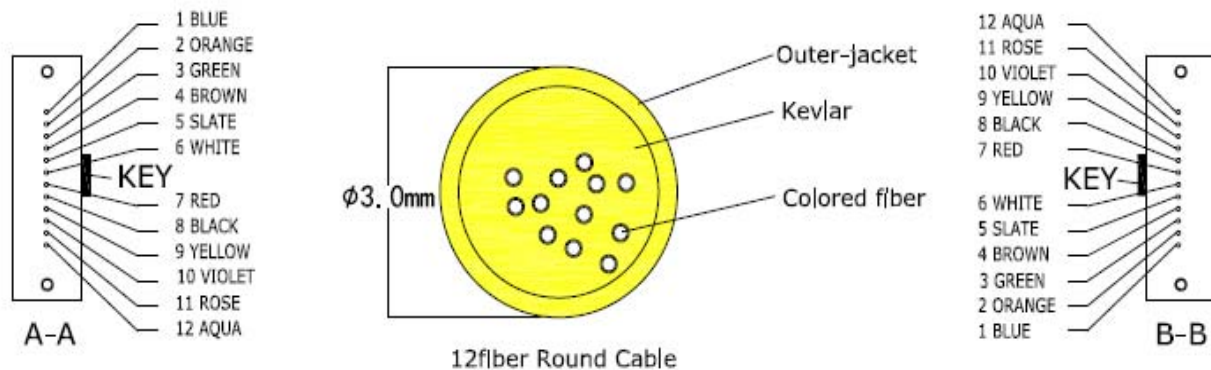
Parameters		Unit		Specifications		
				SM		MM
				Standard	Elite/Low Loss	Standard
Insertion Loss		Typical	dB	0.35	0.20	0.35
		Max	dB	0.75	0.35	0.70
Return Loss	APC	Min	dB	60		30
	PC	Min	dB	50		25
Test Wavelength			nm	1310/1550		850/1310
Operating Temperature			°C	-5~ 60		
Storage Temperature			°C	-20~ 85		

Note:

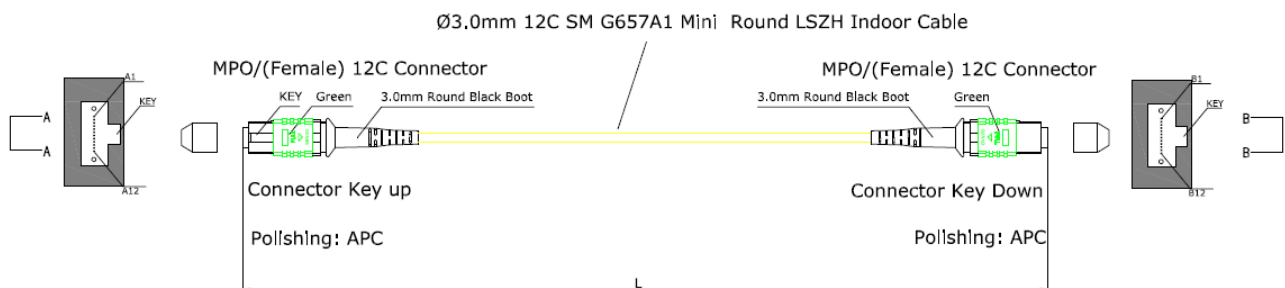
- 1.IL&RL test at room temperature.
- 2.IL&RL test at 1310nm and 1550nm for singlemode,850nm and 1310nm for multimode
- 3.This spec for cable length less than 3 meters.

Vchung--Your Trustworthy Partner

Cable Structure Schematic Diagram



Assembly Structure Schematic Diagram



Ordering Information

Fiber Count	FiberType	Gudie Pin①	Connector Type①	Cable Type	Cable Material	Cable Length	Polarity
1=4	1=OM1	M=Male	0=None	1=3.0 Mini Round Cable	1=LSZH	01=1.0M	A=Type A
2=8	2=OM2	F=Female	1=MTP Standard	2=Ribbon Cable	2=OFNP	02=2.0M	B=Type B
3=12	3=OM3		2=MTP Elite	3=3.6 Round Cable	3=OFNR	03=3.0M	C=Type C
4=16	4=OM4		3=MPO Standard	4=4.5 Round Cable		..	D=Type D
5=24	5=G.652D		4=MPO Lowloss	X=Customized		..	
6=32	6=G.657A1					99=99M	
X=Customized	7=G.657A2	Gudie Pin②	Connector Type②			XX=Customized	
	X=Customized	M=Male	0=None				
		F=Female	1=MTP Standard				
			2=MTP Elite				
			3=MPO Standard				
			4=MPO Lowloss				

OMP= Optic MTP/MPO Patchcord

Vchung--Your Trustworthy Partner

MTP/MPO Fan-out Cable

ORC' s MTP / MPO Patchcord are designed to high density multifibers solutions,fit for different installation environment and easy to install between the trunk line,data centers and buildings.Our patchcord are 100% factory tested and can meet your special requirements.All the MTP/MPO connector compliance with Telcordia GR-1435-Core Compliant.



Features

- ♦MTP and MPO are available
- ♦High performance in IL&RL
- ♦100% pre-terminated tested
- ♦Pulling eye design easy for cabling
- ♦4F,8F,12F, 24F or customized
- ♦Suitable for MTP/MPO application
- ♦SM,OM1,OM2,OM3,OM4 or customized
- ♦LSZH, OFNR, OFNP available
- ♦Compliance with Telcordia GR-1435-CORE Compliant
- ♦Compliance with UL 94-V0 compliant
- ♦RoHS compliant

Application

- ♦40/100G Optical Modules Connectivity
- ♦Data Center Cabling
- ♦Support 40/100G Network
- ♦Telecommunication Network
- ♦Industrial&Military

Optical Performance Specifications

Parameters		Unit		Specifications		
				SM		MM
				Standard	Elite/Low Loss	Standard
Insertion Loss		Typical	dB	0.35	0.20	0.35
		Max	dB	0.75	0.35	0.70
Return Loss	APC	Min	dB	60		30
	PC	Min	dB	50		25
Test Wavelength			nm	1310/1550		850/1310
Operating Temperature			°C	-5~ 60		
Storage Temperature			°C	-20~ 85		

Note:

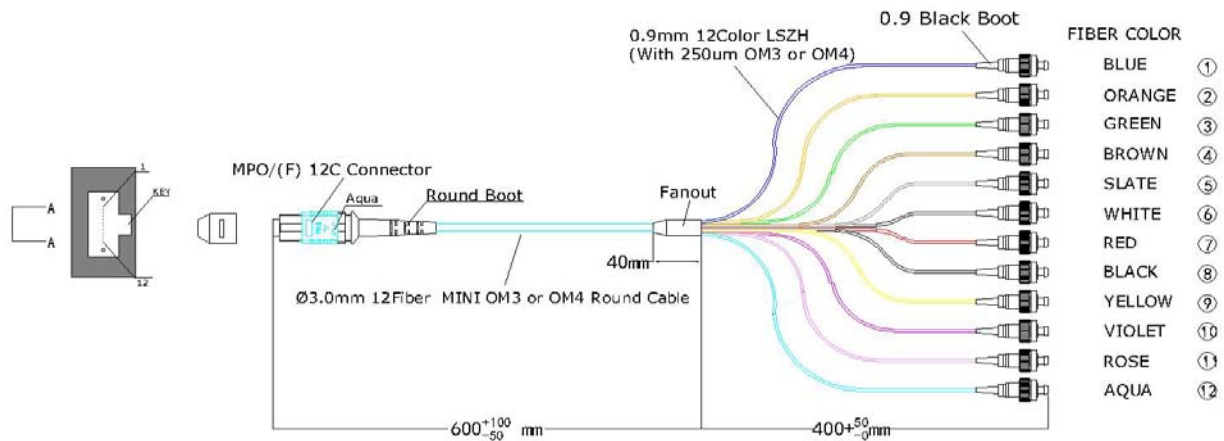
- 1.IL&RL test at room temperature.
- 2.IL&RL test at 1310nm and 1550nm for singlemode,850nm and 1310nm for multimode
- 3.This spec for cable length less than 3 meters.

Vchung--Your Trustworthy Partner

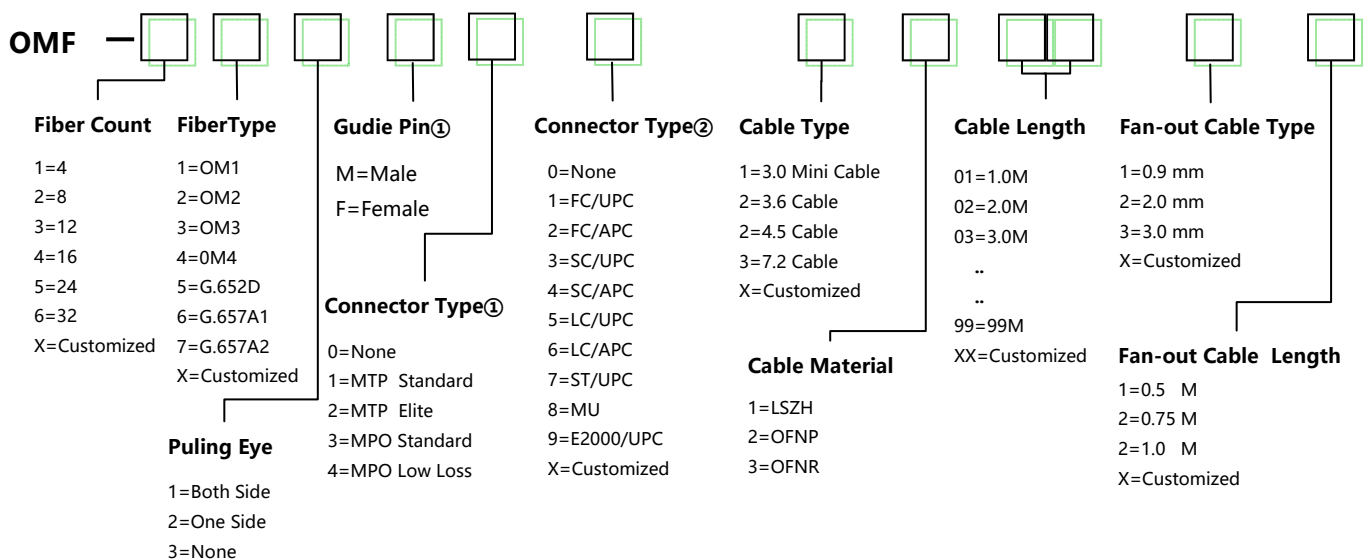
Standard Connector Optical Performance Specifications

Type	Insertion Loss		Return Loss		
	Multi-mode	Single-mode	Single-mode		Multi-mode
			UPC	APC	PC
SC	$\leq 0.30\text{dB(Typ0.20)}$	$\leq 0.30\text{dB(Typ0.20)}$	$\geq 50\text{dB(Typ55)}$	$\geq 60\text{dB}$	$\geq 20\text{dB}$
LC	$\leq 0.30\text{dB(Typ0.20)}$	$\leq 0.30\text{dB(Typ0.20)}$	$\geq 50\text{dB(Typ55)}$	$\geq 60\text{dB}$	$\geq 20\text{dB}$
FC	$\leq 0.30\text{dB(Typ0.20)}$	$\leq 0.30\text{dB(Typ0.20)}$	$\geq 50\text{dB(Typ55)}$	$\geq 60\text{dB}$	$\geq 20\text{dB}$
ST	$\leq 0.30\text{dB(Typ0.20)}$	$\leq 0.30\text{dB(Typ0.20)}$	$\geq 50\text{dB(Typ55)}$	$\geq 60\text{dB}$	$\geq 20\text{dB}$
MU	$\leq 0.30\text{dB(Typ0.20)}$	$\leq 0.30\text{dB(Typ0.20)}$	$\geq 50\text{dB(Typ55)}$	$\geq 60\text{dB}$	$\geq 20\text{dB}$
E2000	$\leq 0.30\text{dB(Typ0.20)}$	$\leq 0.30\text{dB(Typ0.20)}$	$\geq 50\text{dB(Typ55)}$	$\geq 60\text{dB}$	$\geq 20\text{dB}$
MT-RJ	$\leq 0.30\text{dB(Typ0.20)}$	$\leq 0.30\text{dB(Typ0.20)}$	$\geq 50\text{dB(Typ55)}$	$\geq 60\text{dB}$	$\geq 20\text{dB}$

Assembly Structure Schematic diagram



Ordering Information



OMF=Optic MTP/MPO Fanout Cable

Vchung--Your Trustworthy Partner

MTP/MPO Harness Cable

ORC' s MTP / MPO Patchcord are designed to high density multifibers solutions,fit for different installation environment and easy to install between the trunk line,data centers and buildings.Our patchcord are 100% factory tested and can meet your special requirements.All the MTP/MPO connector compliance with Telcordia GR-1435-Core Compliant.



Features

- ♦MTP and MPO are available
- ♦High performance in IL&RL
- ♦100% pre-terminated tested
- ♦Pulling eye design easy for cabling
- ♦4F,8F,12F, 24F or customized
- ♦Suitable for MTP/MPO application
- ♦SM,OM1,OM2,OM3,OM4 or customized
- ♦LSZH, OFNR, OFNP available
- ♦Compliance with Telcordia GR-1435-CORE Compliant
- ♦Compliance with UL 94-V0 compliant
- ♦RoHS compliant

Application

- ♦40/100G Optical Modules Connectivity
- ♦Data Center Cabling
- ♦Cassettes And Rack mount
- ♦Telecommunication Network
- ♦Industrial&Military

Optical Performance Specifications

Parameters			Unit	Specifications			
				SM		MM	
				Standard	Elite/Low Loss	Standard	Elite/Low Loss
Insertion Loss		Typical	dB	0.35	0.20	0.35	0.20
		Max	dB	0.75	0.35	0.70	0.35
Return Loss	APC	Min	dB	60		30	
	PC	Min	dB	50		25	
Test Wavelength			nm	1310/1550		850/1310	
Operating Temperature			℃	-5~ 60			
Storage Temperature			℃	-20~ 85			

Note:

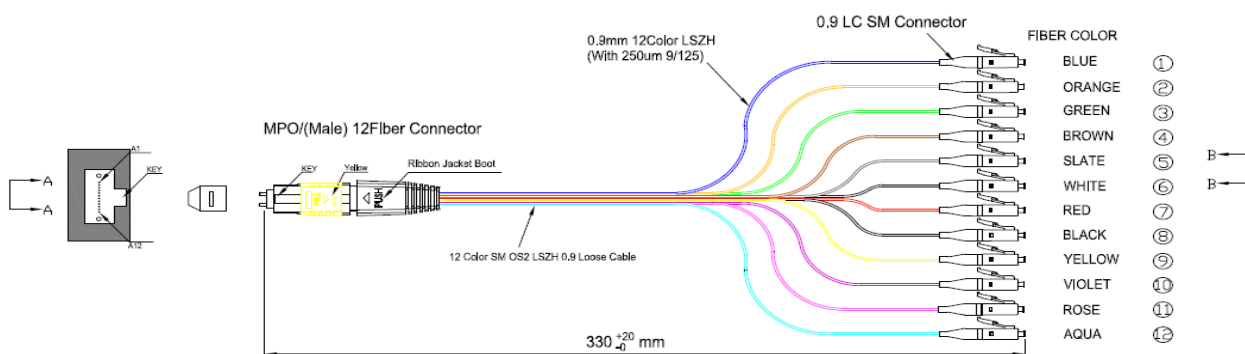
- 1.IL&RL test at room temperature.
- 2.IL&RL test at 1310nm and 1550nm for singlemode,850nm and 1310nm for multimode
- 3.This spec for cable length less than 3 meters.

Vchung--Your Trustworthy Partner

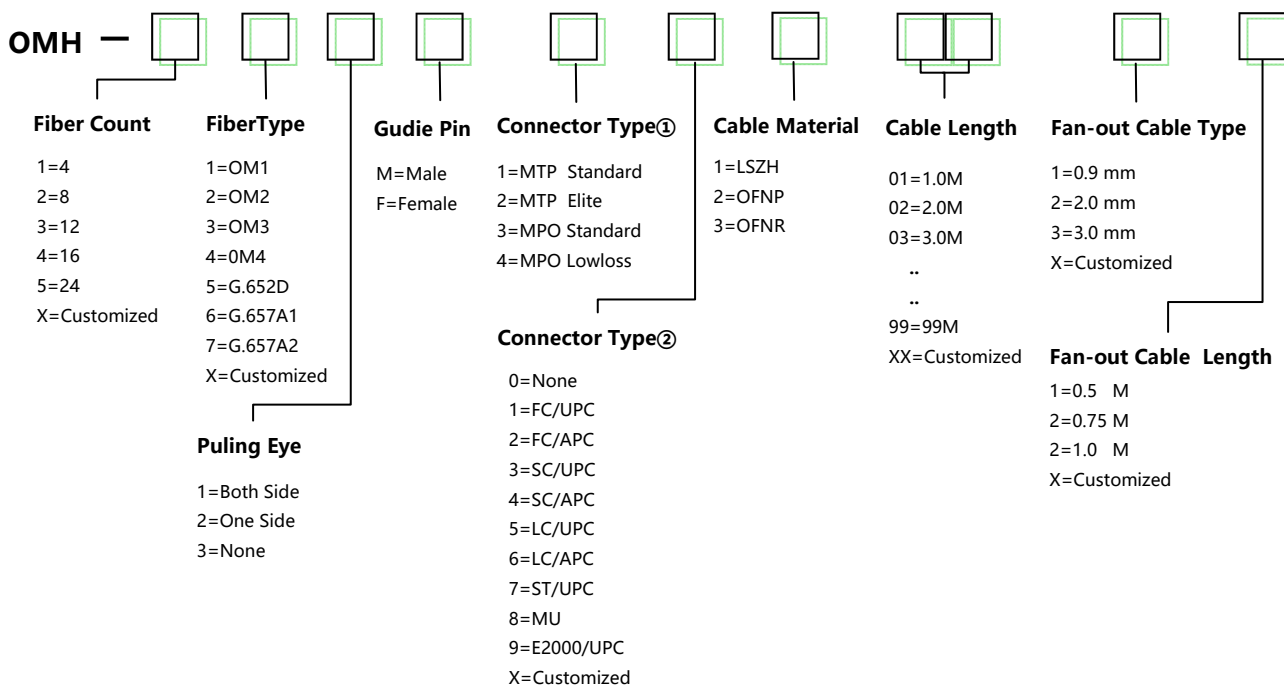
Standard Connector Optical Performance Specifications

Type	Insertion Loss		Return Loss		
	Multi-mode	Single-mode	Single-mode		Multi-mode
			UPC	APC	PC
SC	$\leq 0.30\text{dB(Typ0.20)}$	$\leq 0.30\text{dB(Typ0.20)}$	$\geq 50\text{dB(Typ55)}$	$\geq 60\text{dB}$	$\geq 20\text{dB}$
LC	$\leq 0.30\text{dB(Typ0.20)}$	$\leq 0.30\text{dB(Typ0.20)}$	$\geq 50\text{dB(Typ55)}$	$\geq 60\text{dB}$	$\geq 20\text{dB}$
FC	$\leq 0.30\text{dB(Typ0.20)}$	$\leq 0.30\text{dB(Typ0.20)}$	$\geq 50\text{dB(Typ55)}$	$\geq 60\text{dB}$	$\geq 20\text{dB}$
ST	$\leq 0.30\text{dB(Typ0.20)}$	$\leq 0.30\text{dB(Typ0.20)}$	$\geq 50\text{dB(Typ55)}$	$\geq 60\text{dB}$	$\geq 20\text{dB}$
MU	$\leq 0.30\text{dB(Typ0.20)}$	$\leq 0.30\text{dB(Typ0.20)}$	$\geq 50\text{dB(Typ55)}$	$\geq 60\text{dB}$	$\geq 20\text{dB}$
E2000	$\leq 0.30\text{dB(Typ0.20)}$	$\leq 0.30\text{dB(Typ0.20)}$	$\geq 50\text{dB(Typ55)}$	$\geq 60\text{dB}$	$\geq 20\text{dB}$
MT-RJ	$\leq 0.30\text{dB(Typ0.20)}$	$\leq 0.30\text{dB(Typ0.20)}$	$\geq 50\text{dB(Typ55)}$	$\geq 60\text{dB}$	$\geq 20\text{dB}$

Assembly Structure Schematic diagram



Ordering Information



OMH=Optic MTP/MPO Harness Cable

Vchung--Your Trustworthy Partner

Standard Patchcord And Pigtail

Patch cord is a removable component which connective two optical communication equipments or devices. ORC' s provides SC, LC, FC, ST, MU, E2000 and MT-RJ connectors assemblies, which can pass rigid optical, mechanical, environmental test based on the GR-326 requirements. And also complies with RoHS compliant.



Features

- ♦High performance in IL&RL
- ♦100% pre-terminated tested
- ♦Support simplex or duplex
- ♦SM,OM1,OM2,OM3,OM4 or customized
- ♦LSZH, OFNR, OFNP available
- ♦Compliance with Telcordia GR-326-CORE Compliant
- ♦Compliance with UL 94-V0 compliant
- ♦RoHS compliant

Application

- ♦Optical Equipment Connectivity
- ♦FTTH/FTTB/FTTX
- ♦CATV Network
- ♦Telecommunication Network
- ♦Industrial&Military

Optical Performance Specifications

Type	Insertion Loss		Return Loss		
	Multi-mode	Single-mode	Single-mode		Multi-mode
			UPC	APC	PC
SC	$\leq 0.30\text{dB(Typ0.20)}$	$\leq 0.30\text{dB(Typ0.20)}$	$\geq 50\text{dB(Typ55)}$	$\geq 60\text{dB}$	$\geq 20\text{dB}$
LC	$\leq 0.30\text{dB(Typ0.20)}$	$\leq 0.30\text{dB(Typ0.20)}$	$\geq 50\text{dB(Typ55)}$	$\geq 60\text{dB}$	$\geq 20\text{dB}$
FC	$\leq 0.30\text{dB(Typ0.20)}$	$\leq 0.30\text{dB(Typ0.20)}$	$\geq 50\text{dB(Typ55)}$	$\geq 60\text{dB}$	$\geq 20\text{dB}$
ST	$\leq 0.30\text{dB(Typ0.20)}$	$\leq 0.30\text{dB(Typ0.20)}$	$\geq 50\text{dB(Typ55)}$	$\geq 60\text{dB}$	$\geq 20\text{dB}$
MU	$\leq 0.30\text{dB(Typ0.20)}$	$\leq 0.30\text{dB(Typ0.20)}$	$\geq 50\text{dB(Typ55)}$	$\geq 60\text{dB}$	$\geq 20\text{dB}$
E2000	$\leq 0.30\text{dB(Typ0.20)}$	$\leq 0.30\text{dB(Typ0.20)}$	$\geq 50\text{dB(Typ55)}$	$\geq 60\text{dB}$	$\geq 20\text{dB}$
MT-RJ	$\leq 0.30\text{dB(Typ0.20)}$	$\leq 0.30\text{dB(Typ0.20)}$	$\geq 50\text{dB(Typ55)}$	$\geq 60\text{dB}$	$\geq 20\text{dB}$

Note:

- 1.IL&RL test at room temperature.
- 2.IL&RL test at 1310nm and 1550nm for singlemode,850nm and 1300nm for multimode
- 3.This spec for cable length less than 3 meters.

Vchung--Your Trustworthy Partner

Ordering Information

OSP —



Fiber Count

1=Simplex
2=Duplex
X=Customized

FiberType

1=OM1
2=OM2
3=OM3
4=OM4
5=G.652D
6=G.657A1
7=G.657A2
X=Customized



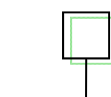
Connector Type①

0=None
1=FC/UPC
2=FC/APC
3=SC/UPC
4=SC/APC
5=LC/UPC
6=LC/APC
7=ST/UPC
8=MU
9=E2000/UPC
X=Customized



Connector Type②

0=None
1=FC/UPC
2=FC/APC
3=SC/UPC
4=SC/APC
5=LC/UPC
6=LC/APC
7=ST/UPC
8=MU
9=E2000/UPC
X=Customized



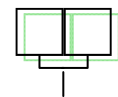
Cable Type

0=250um bare fiber
1=0.9mm loose tube
2=0.9mm tight tube
3=2.0mm loose tube
4=2.0mm tight tube
5=3.0mm loose tube
6=3.0mm tight tube
X=Customized



Cable Material

1=LSZH
2=OFNP
3=OFNR



Cable Length

01=1.0M
02=2.0M
03=3.0M
..
99=99M
XX=Customized

OPMT=Optic Standard Patchcord And Pigtail

Vchung--Your Trustworthy Partner

MTP/MPO Cassette Modules And Rack Mount

ORC' s cassettes and racks are industry standards designed to meet the specification rack mount panels, easy installation. Input use MTP/MPO high density multi-fibers connectors adapter and output usually with LC,SC,FC,E2000 adapter and so on. It fit for different installation environment and easy to install between differenttrans mission equipment or different patch panel. Our connectors are 100% factory tested and can meet your special requirements. All the MTP/MPO connector compliance with Telcordia GR-1435-Core Compliant.



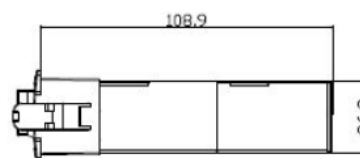
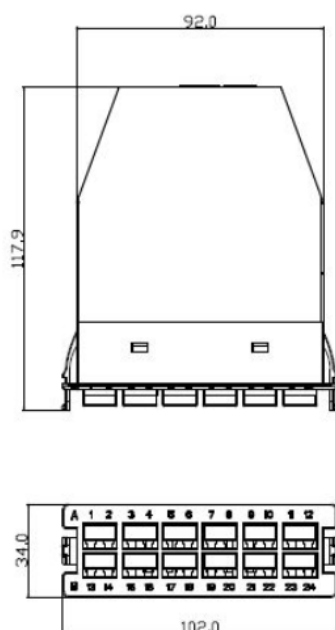
Features

- ♦High performance in IL&RL
- ♦100% pre-terminated tested
- ♦12 or 24 fibers
- ♦1U,2U,3U,4U or customized
- ♦SM,OM1,OM2,OM3,OM4 or customized
- ♦Compliance with Telcordia GR-326-CORE compliant
- ♦RoHS compliant

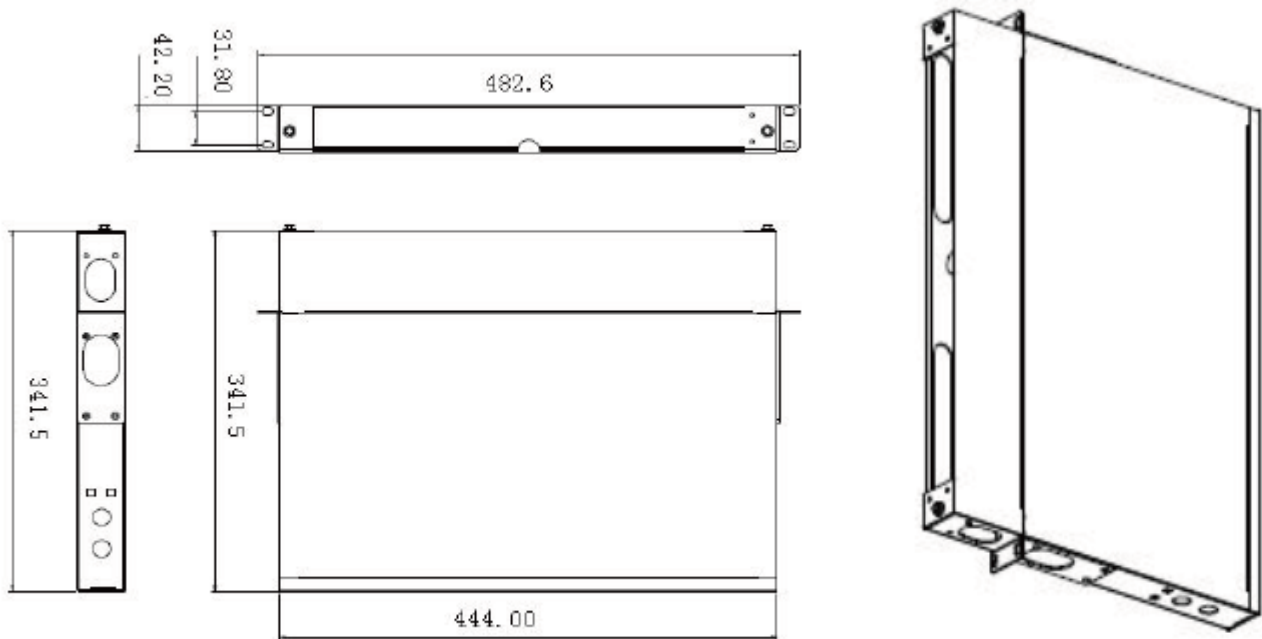
Application

- ♦Optical Equipment Connectivity
- ♦Data Center
- ♦Patch Panel
- ♦Telecommunication Network
- ♦Industrial&Military

Dimensions Structure Schematic diagram



Vchung--Your Trustworthy Partner



Ordering Information

OMCM					
	Fiber Count	Fiber Type	MTP/MPO Type	Adapter Type①	Adapter Type②
	1=12	1=OM1	1=MTP Standard	1=MTP/MPO Adapter	1=FC/UPC Adapter
	2=24	2=OM2	2=MTP Elite		2=FC/APC Adapter
	3=2*12	3=OM3	3=MPO Standard		3=SC/UPC Adapter
	X=Customized	4=OM4	4=MPO Low Loss		4=SC/APC Adapter
		5=G.652D			5=LC/UPC Adapter
		6=G.657A1			6=LC/APC Adapter
		7=G.657A2			X=Customized
		X=Customized			

OMCM=Optic MTP/MPO Cassette Modules

OMRM						
	Rack Type	Fiber Count	Fiber Type	MTP/MPO Type	Adapter Type①	Adapter Type②
	1=1U 19"	1=12	1=OM1	1=MTP Standard	1=MTP/MPO Adapter	1=FC/UPC Adapter
	2=2U 19"	2=24	2=OM2	2=MTP Elite		2=FC/APC Adapter
	3=3U 19"	3=48	3=OM3	3=MPO Standard		3=SC/UPC Adapter
	X=Customized	4=96	4=OM4	4=MPO Low Loss		4=SC/APC Adapter
		5=144	5=G.652D			5=LC/UPC Adapter
		6=288	6=G.657A1			6=LC/APC Adapter
		X=Customized	7=G.657A2			X=Customized
			X=Customized			

OPMT=Optic MTP/MPO Rack Modules

Vchung--Your Trustworthy Partner

MTP/MPO LoopBack

MTP/MPO Loop Back is a removable component Which used for equipment Loop test and optical modules self-examination. ORC' s provides MTP/MPO loopback assemblies, which can pass rigid optical, mechanical, environmental test based on the GR-1435 requirements. And also complies with RoHS compliant.



Features

- ♦High performance in IL&RL
- ♦100% pre-terminated tested
- ♦8F,12F,16F, 24F or customized
- ♦SM,OM1,OM2,OM3,OM4 or customized
- ♦ Compliance GR-1435-CORE Compliant
- ♦Compliance with UL 94-ailable
- ♦Compliance with V0 compliant
- ♦RoHS compliant

Application

- ♦Optical Equipment Test
- ♦Optical Modules Test
- ♦Cable loopback inspection
- ♦Telecommunication Network

Optical Performance Specifications

Parameters			Unit	Specifications			
				SM		MM	
				Standard	Elite/Low Loss	Standard	Elite/Low Loss
Insertion Loss		Typical	dB	0.35	0.20	0.35	0.20
		Max	dB	0.75	0.35	0.70	0.35
Return Loss	APC	Min	dB	60		30	
	PC	Min	dB	50		25	
Test Wavelength			nm	1310/1550		850/1310	
Operating Temperature			℃	-5~ 60			
Storage Temperature			℃	-20~ 85			

Note:

- 1.IL&RL test at room temperature.
- 2.IL&RL test at 1310nm and 1550nm for singlemode,850nm and 1310nm for multimode

Vchung--Your Trustworthy Partner

Ordering Information

OML—



Fiber Count

1=8
2=12
3=24
X=Customized



FiberType

1=OM1
2=OM2
3=OM3
4=OM4
5=G.652D
6=G.657A1
7=G.657A2
X=Customized



Gudie Pin

M=Male
F=Female



Connector Type

1=MTP Standard
2=MTP Elite
3=MPO Standard

OML=Optic MTP/MPO Loopback

-----THE END-----

For more information pls visit our website:www.vchung.com