

FIBRAIN  
GROUP.

# HD

New family  
**FIBRAIN High  
Density**

Products  
Catalogue

**New family**  
**FIBRAIN High Density**

HD

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FIBRAIN HIGH DENSITY

**HD** FIBRAIN  
HIGH DENSITY

# Installation cables

Installation cables are  
the key element of the  
transmission path.



Compact  
dimensions

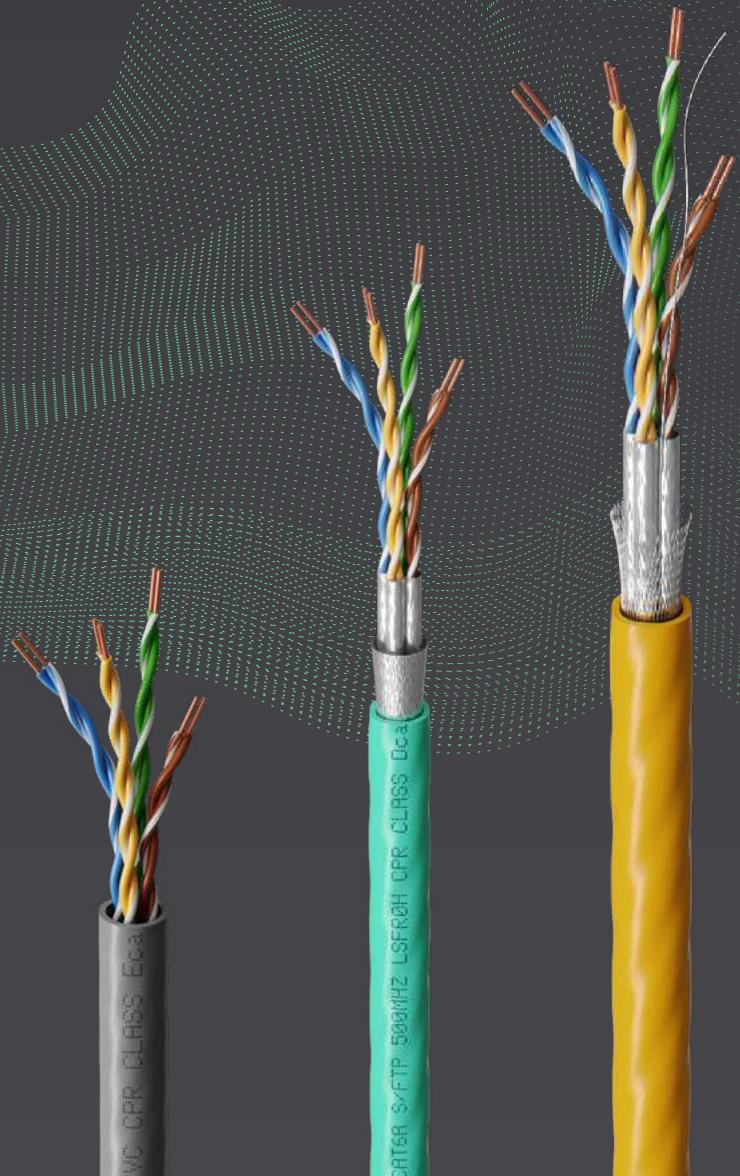


Full range  
of performance



Excellent transmission  
parameters

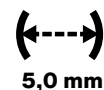
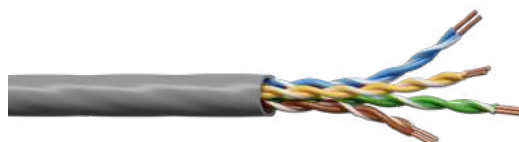
**FIBRAIN  
GROUP.**



# Installation cables

## FibrainDATA Cat. 5e U/UTP

4 twisted pairs copper installation cable

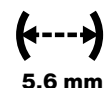


- Cat. 5e
- 200 MHz
- Cable nominal diameter: 5,0 mm
- Conductor nominal diameter AWG24
- NVP 68%,
- Separation class: B

VARIANT	REFERENCE NO.	DSH
● PVC, CPR E <sub>CA</sub> class, 305m box, grey	XE100.101	
● PVC, CPR E <sub>CA</sub> class, 500m drum, grey	XE100.102	
● PVC, CPR E <sub>CA</sub> class, 1000m drum, grey	XE100.103	
● LSZH, CPR D <sub>CA</sub> class -s <sub>2</sub> ,d <sub>2</sub> ,a <sub>1</sub> , 305m box, green	XE100.105	
● LSZH, CPR D <sub>CA</sub> class -s <sub>2</sub> ,d <sub>2</sub> ,a <sub>1</sub> , 500m drum, green	XE100.106	
● LSZH, CPR D <sub>CA</sub> class -s <sub>2</sub> ,d <sub>2</sub> ,a <sub>1</sub> , 1000m drum, green	XE100.107	

## FibrainDATA Cat. 5e F/UTP

4 twisted pairs copper installation cable



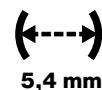
- Cat. 5e
- 200 MHz
- Cable nominal diameter: 5,6 mm
- Conductor nominal diameter WG24
- NVP 68%
- Separation class: C

VARIANT	REFERENCE NO.	DSH
● PVC, CPR E <sub>CA</sub> class, 305m box, grey	XE100.111	
● PVC, CPR E <sub>CA</sub> class, 500m drum, grey	XE100.112	
● PVC, CPR E <sub>CA</sub> , 1000m drum, grey	XE100.113	
● LSZH, CPR D <sub>CA</sub> class -s <sub>2</sub> ,d <sub>2</sub> ,a <sub>1</sub> , 305m box, green	XE100.115	
● LSZH, CPR D <sub>CA</sub> class -s <sub>2</sub> ,d <sub>2</sub> ,a <sub>1</sub> , 500m drum, green	XE100.116	
● LSZH, CPR D <sub>CA</sub> class -s <sub>2</sub> ,d <sub>2</sub> ,a <sub>1</sub> , 1000m drum, green	XE100.117	

# Installation cables

## FibrainDATA Cat. 6 U/UTP

4 twisted pairs copper installation cable



- Cat. 6
- 500 MHz
- Cable nominal diameter 5,4 mm
- Conductor nominal diameter AWG23
- NVP 68%
- Separation class: B

VARIANT

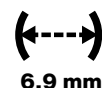
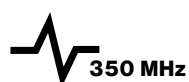
REFERENCE NO.

DSH

● PVC, CPR E <sub>CA</sub> class, 305m box, grey	XQ100.101	
● PVC, CPR E <sub>CA</sub> class, 500m drum, grey	XQ100.102	
● LSZH, CPR D <sub>CA</sub> class -s <sub>2</sub> ,d <sub>2</sub> ,a <sub>1</sub> , 305m box, green	XQ100.105	
● LSZH, CPR D <sub>CA</sub> class -s <sub>2</sub> ,d <sub>2</sub> ,a <sub>1</sub> , 500m drum, green	XQ100.106	

## FibrainDATA Cat. 6 F/UTP

4 twisted pairs copper installation cable



- Cat. 6
- 350 MHz
- Cable nominal diameter 6,9 mm
- Conductor nominal diameter AWG23
- NVP 70%
- Separation class: C

VARIANT

REFERENCE NO.

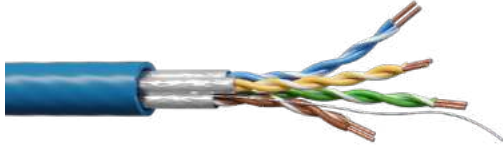
DSH

● PVC, CPR E <sub>CA</sub> class, 305m box, grey	XQ100.111	
● PVC, CPR E <sub>CA</sub> class, 500m drum, grey	XQ100.112	
● LSZH, CPR D <sub>CA</sub> class -s <sub>2</sub> ,d <sub>2</sub> ,a <sub>1</sub> , 305m box, green	XQ100.115	
● LSZH, CPR D <sub>CA</sub> class -s <sub>2</sub> ,d <sub>2</sub> ,a <sub>1</sub> , 500m drum, green	XQ100.116	

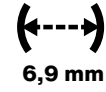
# Installation cables

## FibrainDATA Cat. 6 U/FTP

4 twisted pairs copper installation cable



- Cat. 6
- 400 MHz
- Cable nominal diameter 6,9 mm
- Conductor nominal diameter AWG23
- NVP 79%
- Separation class: C



VARIANT

REFERENCE NO.

DSH

● LSZH, CPR D<sub>CA</sub> class -s2,d1,a1, 500m drum, blue

XQ1221046320

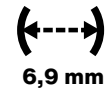


## FibrainDATA Cat. 6<sub>A</sub> U/FTP

4 twisted pairs copper installation cable



- Cat. 6<sub>A</sub>
- 500 MHz
- Cable nominal diameter 6,9 mm
- Conductor nominal diameter AWG23
- NVP 79%
- Separation class: C



VARIANT

REFERENCE NO.

DSH

● LSFRZH, CPR D<sub>CA</sub> class -s2,d1,a1, 500m drum, aqua

XQ1281046320

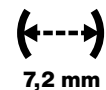


## FibrainDATA Cat. 6<sub>A</sub> S/FTP

4 twisted pairs copper installation cable



- Cat. 6<sub>A</sub>
- 500 MHz
- Cable nominal diameter 7,2 mm
- Conductor nominal diameter AWG23
- NVP 79%
- Separation class: D



VARIANT

REFERENCE NO.

DSH

● LSFRZH, CPR D<sub>CA</sub> class -s2,d1,a1, 500m drum, aqua

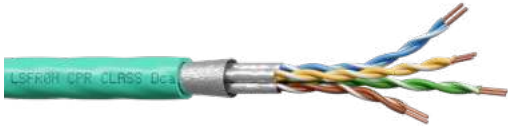
XQ1481046321



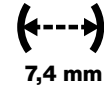
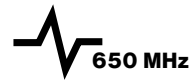
# Installation cables

## FibrainDATA Cat. 6<sub>A</sub> S/FTP

4 twisted pairs copper installation cable



- Cat. 6<sub>A</sub>
- 650 MHz
- Cable nominal diameter 7,4 mm
- Conductor nominal diameter AWG23
- NVP 79%
- Separation class: D



VARIANT

REFERENCE NO.

DSH

● LSFRZH, CPR B<sub>2CA</sub> class -s1a,d1,a1, 500m drum, aqua

XR1431048130

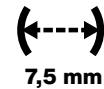


## FibrainDATA Cat. 7 S/FTP

4 twisted pairs copper installation cable



- Cat. 7,
- 900 MHz,
- Cable nominal diameter 7,5 mm
- Conductor nominal diameter AWG23
- NVP 79%
- Separation class: D



VARIANT

REFERENCE NO.

DSH

● LSFRZH, CPR D<sub>CA</sub> class -s2,d1,a1, 500m drum, orange

XX1441046321

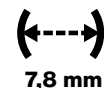


## FibrainDATA Kat.7<sub>A</sub> S/FTP

4 twisted pairs copper installation cable



- Cat. 7<sub>A</sub>
- 1200 MHz
- Cable nominal diameter 7,8 mm
- Conductor nominal diameter AWG23
- NVP 79%
- Separation class: D



VARIANT

REFERENCE NO.

DSH

● LSFRZH, CPR D<sub>CA</sub> class -s2,d1,a1, 500m drum, yellow

XS1451046321





FIBRAIN HIGH DENSITY

# HD RJ45 modules

Wide range of applications /  
saving precious space in the  
19" rack /  
quick and easy installation



Compact  
dimensions



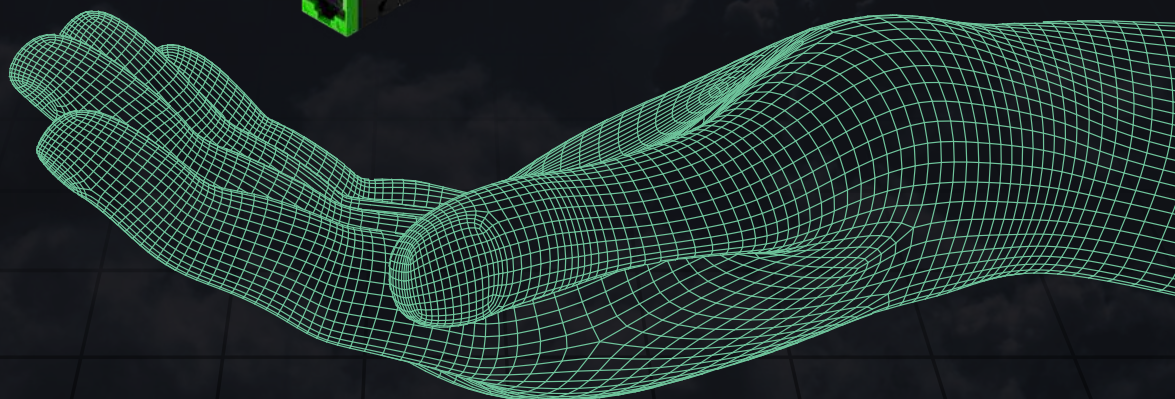
Full range  
of performance



Excellent transmission  
parameters



IDC technology



**FIBRAIN  
GROUP.**

# HD RJ45 modules

## HD RJ45 module Cat.5, unshielded (u)



- IDC technology
- Colour identification
- Anti-dust cover
- Body material: Plastic (UL94-V0)
- Min. connection cycles std/typ: 750/1000
- Min. module re-termination: 20
- Possibility of tool-less module termination
- Pair furcation sequence identification 568A/568B
- Performance proven by certificates



**Compact dimensions**



**IDC technology**



**Easy to install**

VARIANT

REFERENCE NO.

DSH

● Cat.5e/u, HD, do 48p/1U, no keystone adapter, green

XE100

● Cat.5e/u, HD, do 48p/1U, keystone adapter, green

XE110



## HD RJ45 module Cat.5, shielded (s)



- IDC technology
- Colour identification
- Anti-dust cover
- Body material: Die cast
- Shielding 360°
- Min. connection cycles std/typ: 750/1000
- Min. module re-termination: 20
- Possibility of tool-less module termination
- Pair furcation sequence identification 568A/568B
- Performance proven by certificates



**Compact dimensions**



**IDC technology**



**Easy to install**

VARIANT

REFERENCE NO.

DSH

● Cat.5e/s, HD, do 48p/1U, no keystone adapter, green

XE200

● Cat.5e/s, HD, do 48p/1U, keystone adapter, green

XE210



# HD RJ45 modules

## HD RJ45 module Cat.6, unshielded (u)



**Compact dimensions**



**IDC technology**



**Easy to install**

- IDC technology
- Colour identification
- Anti-dust cover
- Body material: Plastic (UL94-V0)
- Min. connection cycles std/typ: 750/1000
- Min. module re-termination: 20
- Possibility of tool-less module termination
- Pair furcation sequence identification 568A/568B
- Performance proven by certificates

VARIANT

REFERENCE NO.

DSH

● Cat.6/u, HD, do 48p/1U, no keystone adapter, red	XQ100	
● Cat.6/u, HD, do 48p/1U, keystone adapter, red	XQ110	

## HD RJ45 module Cat.6, shielded (s)



**Compact dimensions**



**IDC technology**



**Easy to install**

- IDC technology
- Colour identification
- Anti-dust cover
- Body material: Die cast
- Shielding 360°
- Min. connection cycles std/typ: std/typ1000
- Min. module re-termination: 20
- Possibility of tool-less module termination
- Pair furcation sequence identification 568A/568B
- Performance proven by certificates

VARIANT

REFERENCE NO.

DSH

● Cat.6/s, HD, do 48p/1U, no keystone adapter, red	XQ200	
● Cat.6/s, HD, do 48p/1U, keystone adapter, red	XQ210	

# HD RJ45 modules

## HD RJ45 module Cat.6<sub>A</sub>, unshielded (u)



- IDC technology
- Colour identification
- Anti-dust cover
- Body material: Plastic (UL94-V0)
- Min. connection cycles std/typ: 750/1000
- Min. module re-termination: 20
- Possibility of tool-less module termination
- Pair furcation sequence identification 568A/568B
- Performance proven by certificates



**Compact dimensions**



**IDC technology**



**Easy to install**

VARIANT

REFERENCE NO.

DSH

● Cat.6<sub>A</sub>/u, HD, do 48p/1U, no keystone adapter, aqua

XR100

● Cat.6<sub>A</sub>/u, HD, do 48p/1U, keystone adapter, aqua

XR110



## HD RJ45 module Cat.6<sub>A</sub>, shielded (s)



- IDC technology
- Colour identification
- Anti-dust cover
- Body material: Die cast
- Shielding 360°
- Min. connection cycles std/typ: 750/1000
- Min. module re-termination: 20
- Possibility of tool-less module termination
- Pair furcation sequence identification 568A/568B
- Performance proven by certificates



**Compact dimensions**



**IDC technology**



**Easy to install**

VARIANT

REFERENCE NO.

DSH

● Cat.6<sub>A</sub>/s, HD, do 48p/1U, no keystone adapter, aqua

XR200

● Cat.6<sub>A</sub>/s, HD, do 48p/1U, keystone adapter, aqua

XR210



## Cat.6<sub>A</sub> connector for manual termination, shielded (s)



Cat.6<sub>A</sub>, 4P, straight 180°

XR300

Cat.6<sub>A</sub>, 4P, angled every 90°

XR310

- IDC technology
- Colour identification
- Shielding 360°
- Wires diameter range 26-22AWG
- Cable diameter range 5,5-8,5 mm
- Min. connection cycles std/typ: 750/1000
- Min. module re-termination: 5

**FIBRAIN HIGH DENSITY**

# Copper patchcords

The patchcords are the last, but not least element of the transmission line, before active devices.



**Compact dimensions**



**Full range of performance**



**Standard length  
0,5 - 10m**

**FIBRAIN  
GROUP.**



# Copper patchcords

## Cat.5e patchcord, unshielded U/UTP



- Mechanically terminated
- Colour identification
- Cable nominal diameter 5,2 mm
- Conductor nominal diameter AWG26/7
- Connector material: Plastic
- Min. connection cycles std/typ: 750/1000
- Pair furcation sequence identification 568B
- PVC outer sheath
- PoE/PoE+ support

VARIANT

REFERENCE NO.

DSH

● Cat.5e, U/UTP PVC, 200MHz, grey, 0,5m	XEP020050GY0	
● Cat.5e,U/UTP PVC, 200MHz, grey, 1,0m	XEP020100GY0	
● Cat.5e, U/UTP PVC, 200MHz, grey, 2,0m	XEP020200GY0	
● Cat.5e, U/UTP, PVC, 200MHz, grey, 3,0m	XEP020300GY0	
● Cat.5e, U/UTP, PVC, 200MHz, grey, 5,0m	XEP020500GY0	

## Cat.5e patchcord, shielded F/UTP



- Mechanically terminated
- Colour identification
- Cable nominal diameter 5,9 mm
- Conductor nominal diameter AWG26/7
- Connector material: Plastic + metal shield
- Min. connection cycles std/typ: 750/1000
- Pair furcation sequence identification 568B
- PVC outer sheath
- PoE/PoE+ support

VARIANT

REFERENCE NO.

DSH

● Cat.5e, F/UTP PVC, 200MHz, grey, 0,5m	XEP120050GY0	
● Cat.5e,F/UTP PVC, 200MHz, grey, 1,0m	XEP120100GY0	
● Cat.5e, F/UTP PVC, 200MHz, grey, 2,0m	XEP120200GY0	
● Cat.5e, F/UTP, PVC, 200MHz, grey,3,0m	XEP120300GY0	
● Cat.5e, F/UTP, PVC, 200MHz, grey, 5,0m	XEP120500GY0	

# Copper patchcords

## Cat.6 patchcord, unshielded U/UTP



- Mechanically terminated
- Colour identification
- Cable nominal diameter 5,3 mm
- Conductor nominal diameter AWG26/7
- Connector material: Plastic
- Min. connection cycles std/typ: 750/1000
- Pair furcation sequence identification 568B
- LSZH outer sheath
- PoE/PoE+ support

VARIANT

REFERENCE NO.

DSH

● Cat.6, U/UTP, LSZH, 450MHz, grey, 0,5m	XQP020050GY0	
● Cat.6, U/UTP, LSZH, 450MHz, grey, 1,0m	XQP020100GY0	
● Cat.6, U/UTP, LSZH, 450MHz, grey, 2,0m	XQP020200GY0	
● Cat.6, U/UTP, LSZH, 450MHz, grey, 3,0m	XQP020300GY0	
● Cat.6, U/UTP, LSZH, 450MHz, grey, 5,0m	XQP020500GY0	

## Cat.6 patchcord, shielded S/FTP



- Mechanically terminated
- Colour identification
- Cable nominal diameter 6,7 mm
- Conductor nominal diameter AWG23/7
- Connector material: Plastic
- Min. connection cycles std/typ: 750/1000
- Pair furcation sequence identification 568B
- LSFRZH outer sheath
- PoE/PoE+ support

VARIANT

REFERENCE NO.

DSH

● Cat.6, S/FTP, LSZH, 900MHz, grey, 0,5m	XQP420050GY0	
● Cat.6, S/FTP, LSZH, 900MHz, grey, 1,0m	XQP420100GY0	
● Cat.6, S/FTP, LSZH, 900MHz, grey, 2,0m	XQP420200GY0	
● Cat.6, S/FTP, LSZH, 900MHz, grey, 3,0m	XQP420300GY0	
● Cat.6, S/FTP, LSZH, 900MHz, grey, 5,0m	XQP420500GY0	

# Copper patchcords

## Cat.6<sub>A</sub> patchcord, shielded S/FTP



- Mechanically terminated
- Colour identification
- Cable nominal diameter 6,7 mm
- Conductor nominal diameter AWG23/7
- Connector material: Plastic
- Min. connection cycles std/typ: 750/1000
- Pair furcation sequence identification 568B
- LSFRZH outer sheath
- PoE/PoE+ support

VARIANT

REFERENCE NO.

DSH

● Cat.6 <sub>A</sub> , S/FTP, LSZH, 900MHz, grey, 0,5m	XQP020050GY0	
● Cat.6 <sub>A</sub> , S/FTP, LSZH, 900MHz, grey, 1,0m	XQP020100GY0	
● Cat.6 <sub>A</sub> , S/FTP, LSZH, 900MHz, grey, 2,0m	XQP020200GY0	
● Cat.6 <sub>A</sub> , S/FTP, LSZH, 900MHz, grey, 3,0m	XQP020300GY0	
● Cat.6 <sub>A</sub> , S/FTP, LSZH, 900MHz, grey, 5,0m	XQP020500GY0	



FIBRAIN HIGH DENSITY

# Pre-connectorized cables

Plug&play solution to quick connection between distribution points.



A/B/C polarization



PC/APC polishing



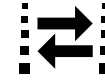
MTP® standard

FIBRAIN  
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# MPO trunk cables



APC 8°  
polishing



A polarization



652D  
SM fiber

## MPO trunk cable APC 652D, type A, 12FO



- DC Prim connection cable terminated with a female/male MPO connector on both sides
- 12 optical fibers 652D
- Cable diameter: 3.0mm
- Yellow LS0H cable outer sheath
- Green connector
- APC 8° polishing
- Polarization A/B/C
- $IL_{MAX} \leq 0.4$  dB
- $IL_{AVG} \leq 0.20$  dB
- $RL \geq 65$  dB

VARIANT

REFERENCE NO.

DSH

F/F		MPO trunk cable APC female – MPO APC female, 652D, type A, 1m	G-12-MTPA.F-MTPA.F-R30-001-1-A-A
F/F		MPO trunk cable APC female – MPO APC female, 652D, type A, 2m	G-12-MTPA.F-MTPA.F-R30-002-1-A-A
F/F		MPO trunk cable APC female – MPO APC female, 652D, type A, 3m	G-12-MTPA.F-MTPA.F-R30-003-1-A-A
F/F		MPO trunk cable APC female – MPO APC female, 652D, type A, 5m	G-12-MTPA.F-MTPA.F-R30-005-1-A-A
F/F		MPO trunk cable APC female – MPO APC female, 652D, type A, 10m	G-12-MTPA.F-MTPA.F-R30-010-1-A-A
F/F		MPO trunk cable APC female – MPO APC female, 652D, type A, 15m	G-12-MTPA.F-MTPA.F-R30-015-1-A-A



VARIANT

REFERENCE NO.

DSH

M/M		MPO trunk cable APC male – MPO APC male, 652D, type A, 1m	G-12-MTPA.M-MTPA.M-R30-001-1-A-A
M/M		MPO trunk cable APC male – MPO APC male, 652D, type A, 2m	G-12-MTPA.M-MTPA.M-R30-002-1-A-A
M/M		MPO trunk cable APC male – MPO APC male, 652D, type A, 3m	G-12-MTPA.M-MTPA.M-R30-003-1-A-A
M/M		MPO trunk cable APC male – MPO APC male, 652D, type A, 5m	G-12-MTPA.M-MTPA.M-R30-005-1-A-A
M/M		MPO trunk cable APC male – MPO APC male, 652D, type A, 10m	G-12-MTPA.M-MTPA.M-R30-010-1-A-A
M/M		MPO trunk cable APC male – MPO APC male, 652D, type A, 15m	G-12-MTPA.M-MTPA.M-R30-015-1-A-A



VARIANT

REFERENCE NO.

DSH

F/M		MPO trunk cable APC female – MPO APC male, 652D, type A, 1m	G-12-MTPA.F-MTPA.M-R30-001-1-A-A
F/M		MPO trunk cable APC female – MPO APC male, 652D, type A, 2m	G-12-MTPA.F-MTPA.M-R30-002-1-A-A
F/M		MPO trunk cable APC female – MPO APC male, 652D, type A, 3m	G-12-MTPA.F-MTPA.M-R30-003-1-A-A
F/M		MPO trunk cable APC female – MPO APC male, 652D, type A, 5m	G-12-MTPA.F-MTPA.M-R30-005-1-A-A
F/M		MPO trunk cable APC female – MPO APC male, 652D, type A, 10m	G-12-MTPA.F-MTPA.M-R30-010-1-A-A
F/M		MPO trunk cable APC female – MPO APC male, 652D, type A, 15m	G-12-MTPA.F-MTPA.M-R30-015-1-A-A



# MPO trunk cables



APC 8°  
polishing



B polarization



652D  
SM fiber

## MPO trunk cable APC 652D, type B, 12FO

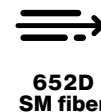
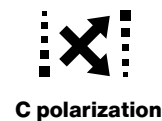
VARIANT	REFERENCE NO.	DSH
F/F  MPO trunk cable APC female – MPO APC female, 652D, type B, 1m	G-12-MTPA.F-MTPA.F-R30-001-1-A-B	
F/F  MPO trunk cable APC female – MPO APC female, 652D, type B, 2m	G-12-MTPA.F-MTPA.F-R30-002-1-A-B	
F/F  MPO trunk cable APC female – MPO APC female, 652D, type B, 3m	G-12-MTPA.F-MTPA.F-R30-003-1-A-B	
F/F  MPO trunk cable APC female – MPO APC female, 652D, type B, 5m	G-12-MTPA.F-MTPA.F-R30-005-1-A-B	
F/F  MPO trunk cable APC female – MPO APC female, 652D, type B, 10m	G-12-MTPA.F-MTPA.F-R30-010-1-A-B	
F/F  MPO trunk cable APC female – MPO APC female, 652D, type B, 15m	G-12-MTPA.F-MTPA.F-R30-015-1-A-B	

VARIANT	REFERENCE NO.	DSH
M/M  MPO trunk cable APC male – MPO APC male, 652D, type B, 1m	G-12-MTPA.M-MTPA.M-R30-001-1-A-B	
M/M  MPO trunk cable APC male – MPO APC male, 652D, type B, 2m	G-12-MTPA.M-MTPA.M-R30-002-1-A-B	
M/M  MPO trunk cable APC male – MPO APC male, 652D, type B, 3m	G-12-MTPA.M-MTPA.M-R30-003-1-A-B	
M/M  MPO trunk cable APC male – MPO APC male, 652D, type B, 5m	G-12-MTPA.M-MTPA.M-R30-005-1-A-B	
M/M  MPO trunk cable APC male – MPO APC male, 652D, type B, 10m	G-12-MTPA.M-MTPA.M-R30-010-1-A-B	
M/M  MPO trunk cable APC male – MPO APC male, 652D, type B, 15m	G-12-MTPA.M-MTPA.M-R30-015-1-A-B	

VARIANT	REFERENCE NO.	DSH
F/M  MPO trunk cable APC female – MPO APC male, 652D, type B, 1m	G-12-MTPA.F-MTPA.M-R30-001-1-A-B	
F/M  MPO trunk cable APC female – MPO APC male, 652D, type B, 2m	G-12-MTPA.F-MTPA.M-R30-002-1-A-B	
F/M  MPO trunk cable APC female – MPO APC male, 652D, type B, 3m	G-12-MTPA.F-MTPA.M-R30-003-1-A-B	
F/M  MPO trunk cable APC female – MPO APC male, 652D, type B, 5m	G-12-MTPA.F-MTPA.M-R30-005-1-A-B	
F/M  MPO trunk cable APC female – MPO APC male, 652D, type B, 10m	G-12-MTPA.F-MTPA.M-R30-010-1-A-B	
F/M  MPO trunk cable APC female – MPO APC male, 652D, type B, 15m	G-12-MTPA.F-MTPA.M-R30-015-1-A-B	

# MPO trunk cables

## MPO trunk cable APC-MPO APC 652D, type C, 12FO



VARIANT	REFERENCE NO.	DSH
F/F  MPO trunk cable APC female – MPO APC female, 652D, type C, 1m	G-12-MTPA.F-MTPA.F-R30-001-1-A-C	
F/F  MPO trunk cable APC female – MPO APC female, 652D, type C, 2m	G-12-MTPA.F-MTPA.F-R30-002-1-A-C	
F/F  MPO trunk cable APC female – MPO APC female, 652D, type C, 3m	G-12-MTPA.F-MTPA.F-R30-003-1-A-C	
F/F  MPO trunk cable APC female – MPO APC female, 652D, type C, 5m	G-12-MTPA.F-MTPA.F-R30-005-1-A-C	
F/F  MPO trunk cable APC female – MPO APC female, 652D, type C, 10m	G-12-MTPA.F-MTPA.F-R30-010-1-A-C	
F/F  MPO trunk cable APC female – MPO APC female, 652D, type C, 15m	G-12-MTPA.F-MTPA.F-R30-015-1-A-C	

VARIANT	REFERENCE NO.	DSH
M/M  MPO trunk cable APC male – MPO APC male, 652D, type C, 1m	G-12-MTPA.M-MTPA.M-R30-001-1-A-C	
M/M  MPO trunk cable APC male – MPO APC male, 652D, type C, 2m	G-12-MTPA.M-MTPA.M-R30-002-1-A-C	
M/M  MPO trunk cable APC male – MPO APC male, 652D, type C, 3m	G-12-MTPA.M-MTPA.M-R30-003-1-A-C	
M/M  MPO trunk cable APC male – MPO APC male, 652D, type C, 5m	G-12-MTPA.M-MTPA.M-R30-005-1-A-C	
M/M  MPO trunk cable APC male – MPO APC male, 652D, type C, 10m	G-12-MTPA.M-MTPA.M-R30-010-1-A-C	
M/M  MPO trunk cable APC male – MPO APC male, 652D, type C, 15m	G-12-MTPA.M-MTPA.M-R30-015-1-A-C	

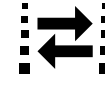
VARIANT	REFERENCE NO.	DSH
F/M  MPO trunk cable APC female – MPO APC male, 652D, type C, 1m	G-12-MTPA.F-MTPA.M-R30-001-1-A-C	
F/M  MPO trunk cable APC female – MPO APC male, 652D, type C, 2m	G-12-MTPA.F-MTPA.M-R30-002-1-A-C	
F/M  MPO trunk cable APC female – MPO APC male, 652D, type C, 3m	G-12-MTPA.F-MTPA.M-R30-003-1-A-C	
F/M  MPO trunk cable APC female – MPO APC male, 652D, type C, 5m	G-12-MTPA.F-MTPA.M-R30-005-1-A-C	
F/M  MPO trunk cable APC female – MPO APC male, 652D, type C, 10m	G-12-MTPA.F-MTPA.M-R30-010-1-A-C	
F/M  MPO trunk cable APC female – MPO APC male, 652D, type C, 15m	G-12-MTPA.F-MTPA.M-R30-015-1-A-C	

# MPO trunk cables

## MPO trunk cable PC – MPO PC, OM3, type A, 12FO



PC polishing



A polarization



OM3 MM fiber



- Connection cable terminated with a female/male MPO connector on both sides
- 12 OM3 optical fibers
- Cable diameter: 3.0mm
- Aqua LS0H cable outer sheath
- Aqua connector
- APC 8° polishing
- Polarization A/B/C
- $IL_{MAX} \leq 0.4$  dB
- $IL_{AVG} \leq 0.20$  dB
- $RL \geq 35$  dB

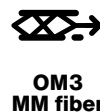
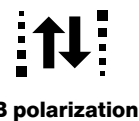
VARIANT	REFERENCE NO.	DSH
F/F ● MPO trunk cable PC female – MPO PC female, OM3, type A, 1m	G-12-MTP.F-MTP.F-R30-001-1-K-A	
F/F ● MPO trunk cable PC female – MPO PC female, OM3, type A, 2m	G-12-MTP.F-MTP.F-R30-002-1-K-A	
F/F ● MPO trunk cable PC female – MPO PC female, OM3, type A, 3m	G-12-MTP.F-MTP.F-R30-003-1-K-A	
F/F ● MPO trunk cable PC female – MPO PC female, OM3, type A, 5m	G-12-MTP.F-MTP.F-R30-005-1-K-A	
F/F ● MPO trunk cable PC female – MPO PC female, OM3, type A, 10m	G-12-MTP.F-MTP.F-R30-010-1-K-A	
F/F ● MPO trunk cable PC female – MPO PC female, OM3, type A, 15m	G-12-MTP.F-MTP.F-R30-015-1-K-A	

VARIANT	REFERENCE NO.	DSH
M/M ● MPO trunk cable PC male – MPO PC male, OM3, type A, 1m	G-12-MTP.M-MTP.M-R30-001-1-K-A	
M/M ● MPO trunk cable PC male – MPO PC male, OM3, type A, 2m	G-12-MTP.M-MTP.M-R30-002-1-K-A	
M/M ● MPO trunk cable PC male – MPO PC male, OM3, type A, 3m	G-12-MTP.M-MTP.M-R30-003-1-K-A	
M/M ● MPO trunk cable PC male – MPO PC male, OM3, type A, 5m	G-12-MTP.M-MTP.M-R30-005-1-K-A	
M/M ● MPO trunk cable PC male – MPO PC male, OM3, type A, 10m	G-12-MTP.M-MTP.M-R30-010-1-K-A	
M/M ● MPO trunk cable PC male – MPO PC male, OM3, type A, 15m	G-12-MTP.M-MTP.M-R30-015-1-K-A	

VARIANT	REFERENCE NO.	DSH
F/M ● MPO trunk cable PC female – MPO PC male, OM3, type A, 1m	G-12-MTP.F-MTP.M-R30-001-1-K-A	
F/M ● MPO trunk cable PC female – MPO PC male, OM3, type A, 2m	G-12-MTP.F-MTP.M-R30-002-1-K-A	
F/M ● MPO trunk cable PC female – MPO PC male, OM3, type A, 3m	G-12-MTP.F-MTP.M-R30-003-1-K-A	
F/M ● MPO trunk cable PC female – MPO PC male, OM3, type A, 5m	G-12-MTP.F-MTP.M-R30-005-1-K-A	
F/M ● MPO trunk cable PC female – MPO PC male, OM3, type A, 10m	G-12-MTP.F-MTP.M-R30-010-1-K-A	
F/M ● MPO trunk cable PC female – MPO PC male, OM3, type A, 15m	G-12-MTP.F-MTP.M-R30-015-1-K-A	

# MPO trunk cables

## MPO trunk cable PC female – MPO PC female, OM3, typ B, 12FO



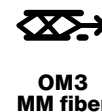
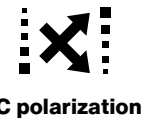
VARIANT	REFERENCE NO.	DSH
F/F ● MPO trunk cable PC female – MPO PC female, OM3, type B, 1m	G-12-MTP.F-MTP.F-R30-001-1-K-B	
F/F ● MPO trunk cable PC female – MPO PC female, OM3, type B, 2m	G-12-MTP.F-MTP.F-R30-002-1-K-B	
F/F ● MPO trunk cable PC female – MPO PC female, OM3, type B, 3m	G-12-MTP.F-MTP.F-R30-003-1-K-B	
F/F ● MPO trunk cable PC female – MPO PC female, OM3, type B, 5m	G-12-MTP.F-MTP.F-R30-005-1-K-B	
F/F ● MPO trunk cable PC female – MPO PC female, OM3, type B, 10m	G-12-MTP.F-MTP.F-R30-010-1-K-B	
F/F ● MPO trunk cable PC female – MPO PC female, OM3, type B, 15m	G-12-MTP.F-MTP.F-R30-015-1-K-B	

VARIANT	REFERENCE NO.	DSH
M/M ● MPO trunk cable PC male – MPO PC male, OM3, type B, 1m	G-12-MTP.M-MTP.M-R30-001-1-K-B	
M/M ● MPO trunk cable PC male – MPO PC male, OM3, type B, 2m	G-12-MTP.M-MTP.M-R30-002-1-K-B	
M/M ● MPO trunk cable PC male – MPO PC male, OM3, type B, 3m	G-12-MTP.M-MTP.M-R30-003-1-K-B	
M/M ● MPO trunk cable PC male – MPO PC male, OM3, type B, 5m	G-12-MTP.M-MTP.M-R30-005-1-K-B	
M/M ● MPO trunk cable PC male – MPO PC male, OM3, type B, 10m	G-12-MTP.M-MTP.M-R30-010-1-K-B	
M/M ● MPO trunk cable PC male – MPO PC male, OM3, type B, 15m	G-12-MTP.M-MTP.M-R30-015-1-K-B	

VARIANT	REFERENCE NO.	DSH
F/M ● MPO trunk cable PC female – MPO PC male, OM3, type B, 1m	G-12-MTP.F-MTP.M-R30-001-1-K-B	
F/M ● MPO trunk cable PC female – MPO PC male, OM3, type B, 2m	G-12-MTP.F-MTP.M-R30-002-1-K-B	
F/M ● MPO trunk cable PC female – MPO PC male, OM3, type B, 3m	G-12-MTP.F-MTP.M-R30-003-1-K-B	
F/M ● MPO trunk cable PC female – MPO PC male, OM3, type B, 5m	G-12-MTP.F-MTP.M-R30-005-1-K-B	
F/M ● MPO trunk cable PC female – MPO PC male, OM3, type B, 10m	G-12-MTP.F-MTP.M-R30-010-1-K-B	
F/M ● MPO trunk cable PC female – MPO PC male, OM3, type B, 15m	G-12-MTP.F-MTP.M-R30-015-1-K-B	

# MPO trunk cables

## MPO trunk cable PC female – MPO PC female, OM3, type C, 12FO



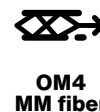
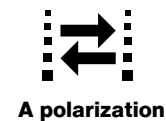
VARIANT	REFERENCE NO.	DSH
F/F ● MPO trunk cable PC female – MPO PC female, OM3, type C, 1m	G-12-MTP.F-MTP.F-R30-001-1-K-C	
F/F ● MPO trunk cable PC female – MPO PC female, OM3, type C, 2m	G-12-MTP.F-MTP.F-R30-002-1-K-C	
F/F ● MPO trunk cable PC female – MPO PC female, OM3, type C, 3m	G-12-MTP.F-MTP.F-R30-003-1-K-C	
F/F ● MPO trunk cable PC female – MPO PC female, OM3, type C, 5m	G-12-MTP.F-MTP.F-R30-005-1-K-C	
F/F ● MPO trunk cable PC female – MPO PC female, OM3, type C, 10m	G-12-MTP.F-MTP.F-R30-010-1-K-C	
F/F ● MPO trunk cable PC female – MPO PC female, OM3, type C, 15m	G-12-MTP.F-MTP.F-R30-015-1-K-C	

VARIANT	REFERENCE NO.	DSH
M/M ● MPO trunk cable PC male – MPO PC male, OM3, type C, 1m	G-12-MTP.M-MTP.M-R30-001-1-K-C	
M/M ● MPO trunk cable PC male – MPO PC male, OM3, type C, 2m	G-12-MTP.M-MTP.M-R30-002-1-K-C	
M/M ● MPO trunk cable PC male – MPO PC male, OM3, type C, 3m	G-12-MTP.M-MTP.M-R30-003-1-K-C	
M/M ● MPO trunk cable PC male – MPO PC male, OM3, type C, 5m	G-12-MTP.M-MTP.M-R30-005-1-K-C	
M/M ● MPO trunk cable PC male – MPO PC male, OM3, type C, 10m	G-12-MTP.M-MTP.M-R30-010-1-K-C	
M/M ● MPO trunk cable PC male – MPO PC male, OM3, type C, 15m	G-12-MTP.M-MTP.M-R30-015-1-K-C	

VARIANT	REFERENCE NO.	DSH
F/M ● MPO trunk cable PC female – MPO PC male, OM3, type C, 1m	G-12-MTP.F-MTP.M-R30-001-1-K-C	
F/M ● MPO trunk cable PC female – MPO PC male, OM3, type C, 2m	G-12-MTP.F-MTP.M-R30-002-1-K-C	
F/M ● MPO trunk cable PC female – MPO PC male, OM3, type C, 3m	G-12-MTP.F-MTP.M-R30-003-1-K-C	
F/M ● MPO trunk cable PC female – MPO PC male, OM3, type C, 5m	G-12-MTP.F-MTP.M-R30-005-1-K-C	
F/M ● MPO trunk cable PC female – MPO PC male, OM3, type C, 10m	G-12-MTP.F-MTP.M-R30-010-1-K-C	
F/M ● MPO trunk cable PC female – MPO PC male, OM3, type C, 15m	G-12-MTP.F-MTP.M-R30-015-1-K-C	

# MPO trunk cables

## MPO trunk cable PC – MPO PC, OM4, type A, 12FO



- Connection cable terminated with a female/male MPO connector
- 12 OM4 optical fibers
- Cable diameter: 3.0mm
- Magenta LS0H cable outer sheath
- Magenta connector
- PC polishing
- Polarization A/B/C
- $IL_{MAX} \leq 0.4$  dB
- $IL_{AVG} \leq 0.20$  dB
- $RL \geq 35$  dB

VARIANT	REFERENCE NO.	DSH
F/F ● MPO trunk cable PC female – MPO PC female, OM4, type A, 1m	G-12-MTP.F-MTP.F-R30-001-1-L-A	
F/F ● MPO trunk cable PC female – MPO PC female, OM4, type A, 2m	G-12-MTP.F-MTP.F-R30-002-1-L-A	
F/F ● MPO trunk cable PC female – MPO PC female, OM4, type A, 3m	G-12-MTP.F-MTP.F-R30-003-1-L-A	
F/F ● MPO trunk cable PC female – MPO PC female, OM4, type A, 5m	G-12-MTP.F-MTP.F-R30-005-1-L-A	
F/F ● MPO trunk cable PC female – MPO PC female, OM4, type A, 10m	G-12-MTP.F-MTP.F-R30-010-1-L-A	
F/F ● MPO trunk cable PC female – MPO PC female, OM4, type A, 15m	G-12-MTP.F-MTP.F-R30-015-1-L-A	

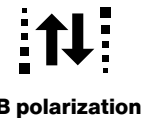
VARIANT	REFERENCE NO.	DSH
M/M ● MPO trunk cable PC male – MPO PC male, OM4, type A, 1m	G-12-MTP.M-MTP.M-R30-001-1-L-A	
M/M ● MPO trunk cable PC male – MPO PC male, OM4, type A, 2m	G-12-MTP.M-MTP.M-R30-002-1-L-A	
M/M ● MPO trunk cable PC male – MPO PC male, OM4, type A, 3m	G-12-MTP.M-MTP.M-R30-003-1-L-A	
M/M ● MPO trunk cable PC male – MPO PC male, OM4, type A, 5m	G-12-MTP.M-MTP.M-R30-005-1-L-A	
M/M ● MPO trunk cable PC male – MPO PC male, OM4, type A, 10m	G-12-MTP.M-MTP.M-R30-010-1-L-A	
M/M ● MPO trunk cable PC male – MPO PC male, OM4, type A, 15m	G-12-MTP.M-MTP.M-R30-015-1-L-A	

VARIANT	REFERENCE NO.	DSH
F/M ● MPO trunk cable PC female – MPO PC male, OM4, type A, 1m	G-12-MTP.F-MTP.M-R30-001-1-L-A	
F/M ● MPO trunk cable PC female – MPO PC male, OM4, type A, 2m	G-12-MTP.F-MTP.M-R30-002-1-L-A	
F/M ● MPO trunk cable PC female – MPO PC male, OM4, type A, 3m	G-12-MTP.F-MTP.M-R30-003-1-L-A	
F/M ● MPO trunk cable PC female – MPO PC male, OM4, type A, 5m	G-12-MTP.F-MTP.M-R30-005-1-L-A	
F/M ● MPO trunk cable PC female – MPO PC male, OM4, type A, 10m	G-12-MTP.F-MTP.M-R30-010-1-L-A	
F/M ● MPO trunk cable PC female – MPO PC male, OM4, type A, 15m	G-12-MTP.F-MTP.M-R30-015-1-L-A	



# MPO trunk cables

## MPO trunk cable PC female – MPO PC female, OM4, type B, 12FO



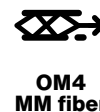
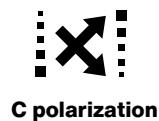
VARIANT	REFERENCE NO.	DSH
F/F ● MPO trunk cable PC female – MPO PC female, OM4, type B, 1m	G-12-MTP.F-MTP.F-R30-001-1-L-B	
F/F ● MPO trunk cable PC female – MPO PC female, OM4, type B, 2m	G-12-MTP.F-MTP.F-R30-002-1-L-B	
F/F ● MPO trunk cable PC female – MPO PC female, OM4, type B, 3m	G-12-MTP.F-MTP.F-R30-003-1-L-B	
F/F ● MPO trunk cable PC female – MPO PC female, OM4, type B, 5m	G-12-MTP.F-MTP.F-R30-005-1-L-B	
F/F ● MPO trunk cable PC female – MPO PC female, OM4, type B, 10m	G-12-MTP.F-MTP.F-R30-010-1-L-B	
F/F ● MPO trunk cable PC female – MPO PC female, OM4, type B, 15m	G-12-MTP.F-MTP.F-R30-015-1-L-B	

VARIANT	REFERENCE NO.	DSH
M/M ● MPO trunk cable PC male – MPO PC male, OM4, type B, 1m	G-12-MTP.M-MTP.M-R30-001-1-L-B	
M/M ● MPO trunk cable PC male – MPO PC male, OM4, type B, 2m	G-12-MTP.M-MTP.M-R30-002-1-L-B	
M/M ● MPO trunk cable PC male – MPO PC male, OM4, type B, 3m	G-12-MTP.M-MTP.M-R30-003-1-L-B	
M/M ● MPO trunk cable PC male – MPO PC male, OM4, type B, 5m	G-12-MTP.M-MTP.M-R30-005-1-L-B	
M/M ● MPO trunk cable PC male – MPO PC male, OM4, type B, 10m	G-12-MTP.M-MTP.M-R30-010-1-L-B	
M/M ● MPO trunk cable PC male – MPO PC male, OM4, type B, 15m	G-12-MTP.M-MTP.M-R30-015-1-L-B	

VARIANT	REFERENCE NO.	DSH
F/M ● MPO trunk cable PC female – MPO PC male, OM4, type B, 1m	G-12-MTP.F-MTP.M-R30-001-1-L-B	
F/M ● MPO trunk cable PC female – MPO PC male, OM4, type B, 2m	G-12-MTP.F-MTP.M-R30-002-1-L-B	
F/M ● MPO trunk cable PC female – MPO PC male, OM4, type B, 3m	G-12-MTP.F-MTP.M-R30-003-1-L-B	
F/M ● MPO trunk cable PC female – MPO PC male, OM4, type B, 5m	G-12-MTP.F-MTP.M-R30-005-1-L-B	
F/M ● MPO trunk cable PC female – MPO PC male, OM4, type B, 10m	G-12-MTP.F-MTP.M-R30-010-1-L-B	
F/M ● MPO trunk cable PC female – MPO PC male, OM4, type B, 15m	G-12-MTP.F-MTP.M-R30-015-1-L-B	

# MPO trunk cables

## MPO trunk cable PC female – MPO PC female, OM4, type C, 12FO



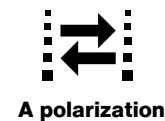
VARIANT	REFERENCE NO.	DSH
F/F ● MPO trunk cable PC female – MPO PC female, OM4, type C, 1m	G-12-MTP.F-MTP.F-R30-001-1-L-C	
F/F ● MPO trunk cable PC female – MPO PC female, OM4, type C, 2m	G-12-MTP.F-MTP.F-R30-002-1-L-C	
F/F ● MPO trunk cable PC female – MPO PC female, OM4, type C, 3m	G-12-MTP.F-MTP.F-R30-003-1-L-C	
F/F ● MPO trunk cable PC female – MPO PC female, OM4, type C, 5m	G-12-MTP.F-MTP.F-R30-005-1-L-C	
F/F ● MPO trunk cable PC female – MPO PC female, OM4, type C, 10m	G-12-MTP.F-MTP.F-R30-010-1-L-C	
F/F ● MPO trunk cable PC female – MPO PC female, OM4, type C, 15m	G-12-MTP.F-MTP.F-R30-015-1-L-C	

VARIANT	REFERENCE NO.	DSH
M/M ● MPO trunk cable PC male – MPO PC male, OM4, type C, 1m	G-12-MTP.M-MTP.M-R30-001-1-L-C	
M/M ● MPO trunk cable PC male – MPO PC male, OM4, type C, 2m	G-12-MTP.M-MTP.M-R30-002-1-L-C	
M/M ● MPO trunk cable PC male – MPO PC male, OM4, type C, 3m	G-12-MTP.M-MTP.M-R30-003-1-L-C	
M/M ● MPO trunk cable PC male – MPO PC male, OM4, type C, 5m	G-12-MTP.M-MTP.M-R30-005-1-L-C	
M/M ● MPO trunk cable PC male – MPO PC male, OM4, type C, 10m	G-12-MTP.M-MTP.M-R30-010-1-L-C	
M/M ● MPO trunk cable PC male – MPO PC male, OM4, type C, 15m	G-12-MTP.M-MTP.M-R30-015-1-L-C	

VARIANT	REFERENCE NO.	DSH
F/M ● MPO trunk cable PC female – MPO PC male, OM4, type C, 1m	G-12-MTP.F-MTP.M-R30-001-1-L-C	
F/M ● MPO trunk cable PC female – MPO PC male, OM4, type C, 2m	G-12-MTP.F-MTP.M-R30-002-1-L-C	
F/M ● MPO trunk cable PC female – MPO PC male, OM4, type C, 3m	G-12-MTP.F-MTP.M-R30-003-1-L-C	
F/M ● MPO trunk cable PC female – MPO PC male, OM4, type C, 5m	G-12-MTP.F-MTP.M-R30-005-1-L-C	
F/M ● MPO trunk cable PC female – MPO PC male, OM4, type C, 10m	G-12-MTP.F-MTP.M-R30-010-1-L-C	
F/M ● MPO trunk cable PC female – MPO PC male, OM4, type C, 15m	G-12-MTP.F-MTP.M-R30-015-1-L-C	

# MPO trunk cables

## MPO trunk cable PC – MPO PC, OM5, type A, 12FO



- Connection cable terminated with a female/male MPO connector
- 12 OM5 optical fibers
- Cable diameter: 3.0mm
- Green lime LS0H cable outer sheath
- Green lime connector
- PC polishing
- A polarization/B/C
- $IL_{MAX} \leq 0.4$  dB
- $IL_{AVG} \leq 0.20$  dB
- $RL \geq 35$  dB

VARIANT	REFERENCE NO.	DSH
F/F ● MPO trunk cable PC female – MPO PC female, OM5, type A, 1m	G-12-MTP.F-MTP.F-R30-001-1-M-A	
F/F ● MPO trunk cable PC female – MPO PC female, OM5, type A, 2m	G-12-MTP.F-MTP.F-R30-002-1-M-A	
F/F ● MPO trunk cable PC female – MPO PC female, OM5, type A, 3m	G-12-MTP.F-MTP.F-R30-003-1-M-A	
F/F ● MPO trunk cable PC female – MPO PC female, OM5, type A, 5m	G-12-MTP.F-MTP.F-R30-005-1-M-A	
F/F ● MPO trunk cable PC female – MPO PC female, OM5, type A, 10m	G-12-MTP.F-MTP.F-R30-010-1-M-A	
F/F ● MPO trunk cable PC female – MPO PC female, OM4, type A, 15m	G-12-MTP.F-MTP.F-R30-015-1-L-A	

VARIANT	REFERENCE NO.	DSH
M/M ● MPO trunk cable PC male – MPO PC male, OM5, type A, 1m	G-12-MTP.M-MTP.M-R30-001-1-M-A	
M/M ● MPO trunk cable PC male – MPO PC male, OM5, type A, 2m	G-12-MTP.M-MTP.M-R30-002-1-M-A	
M/M ● MPO trunk cable PC male – MPO PC male, OM5, type A, 3m	G-12-MTP.M-MTP.M-R30-003-1-M-A	
M/M ● MPO trunk cable PC male – MPO PC male, OM5, type A, 5m	G-12-MTP.M-MTP.M-R30-005-1-M-A	
M/M ● MPO trunk cable PC male – MPO PC male, OM5, type A, 10m	G-12-MTP.M-MTP.M-R30-010-1-M-A	
M/M ● MPO trunk cable PC male – MPO PC male, OM5, type A, 15m	G-12-MTP.M-MTP.M-R30-015-1-M-A	

VARIANT	REFERENCE NO.	DSH
F/M ● MPO trunk cable PC female – MPO PC male, OM5, type A, 1m	G-12-MTP.F-MTP.M-R30-001-1-M-A	
F/M ● MPO trunk cable PC female – MPO PC male, OM5, type A, 2m	G-12-MTP.F-MTP.M-R30-002-1-M-A	
F/M ● MPO trunk cable PC female – MPO PC male, OM5, type A, 3m	G-12-MTP.F-MTP.M-R30-003-1-M-A	
F/M ● MPO trunk cable PC female – MPO PC male, OM5, type A, 5m	G-12-MTP.F-MTP.M-R30-005-1-M-A	
F/M ● MPO trunk cable PC female – MPO PC male, OM5, type A, 10m	G-12-MTP.F-MTP.M-R30-010-1-M-A	
F/M ● MPO trunk cable PC female – MPO PC male, OM5, type A, 15m	G-12-MTP.F-MTP.M-R30-015-1-M-A	

# MPO trunk cables

## MPO trunk cable PC female – MPO PC female, OM5, type B, 12FO



PC  
polishing



B polarization



OM5  
MM fiber

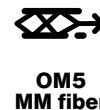
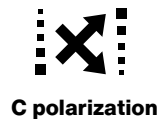
VARIANT	REFERENCE NO.	DSH
F/F ● Kabel połączeniowy MPO PC female – MPO PC female, OM5, typ B, 1m	G-12-MTP.F-MTP.F-R30-001-1-M-B	
F/F ● Kabel połączeniowy MPO PC female – MPO PC female, OM5, typ B, 2m	G-12-MTP.F-MTP.F-R30-002-1-M-B	
F/F ● Kabel połączeniowy MPO PC female – MPO PC female, OM5, typ B, 3m	G-12-MTP.F-MTP.F-R30-003-1-M-B	
F/F ● Kabel połączeniowy MPO PC female – MPO PC female, OM5, typ B, 5m	G-12-MTP.F-MTP.F-R30-005-1-M-B	
F/F ● Kabel połączeniowy MPO PC female – MPO PC female, OM5, typ B, 10m	G-12-MTP.F-MTP.F-R30-010-1-M-B	
F/F ● Kabel połączeniowy MPO PC female – MPO PC female, OM5, typ B, 15m	G-12-MTP.F-MTP.F-R30-015-1-M-B	

VARIANT	REFERENCE NO.	DSH
M/M ● Kabel połączeniowy MPO PC męski – MPO PC męski, OM5, typ B, 1m	G-12-MTP.M-MTP.M-R30-001-1-M-B	
M/M ● Kabel połączeniowy MPO PC męski – MPO PC męski, OM5, typ B, 2m	G-12-MTP.M-MTP.M-R30-002-1-M-B	
M/M ● Kabel połączeniowy MPO PC męski – MPO PC męski, OM5, typ B, 3m	G-12-MTP.M-MTP.M-R30-003-1-M-B	
M/M ● Kabel połączeniowy MPO PC męski – MPO PC męski, OM5, typ B, 5m	G-12-MTP.M-MTP.M-R30-005-1-M-B	
M/M ● Kabel połączeniowy MPO PC męski – MPO PC męski, OM5, typ B, 10m	G-12-MTP.M-MTP.M-R30-010-1-M-B	
M/M ● Kabel połączeniowy MPO PC męski – MPO PC męski, OM5, typ B, 15m	G-12-MTP.M-MTP.M-R30-015-1-M-B	

VARIANT	REFERENCE NO.	DSH
F/M ● Kabel połączeniowy MPO PC female – MPO PC męski, OM5, typ A, 1m	G-12-MTP.F-MTP.M-R30-001-1-M-A	
F/M ● Kabel połączeniowy MPO PC female – MPO PC męski, OM5, typ A, 2m	G-12-MTP.F-MTP.M-R30-002-1-M-A	
F/M ● Kabel połączeniowy MPO PC female – MPO PC męski, OM5, typ A, 3m	G-12-MTP.F-MTP.M-R30-003-1-M-A	
F/M ● Kabel połączeniowy MPO PC female – MPO PC męski, OM5, typ A, 5m	G-12-MTP.F-MTP.M-R30-005-1-M-A	
F/M ● Kabel połączeniowy MPO PC female – MPO PC męski, OM5, typ A, 10m	G-12-MTP.F-MTP.M-R30-010-1-M-A	
F/M ● Kabel połączeniowy MPO PC female – MPO PC męski, OM5, typ A, 15m	G-12-MTP.F-MTP.M-R30-015-1-M-A	

# MPO trunk cables

## MPO trunk cable PC female – MPO PC female, OM5, type C, 12FO



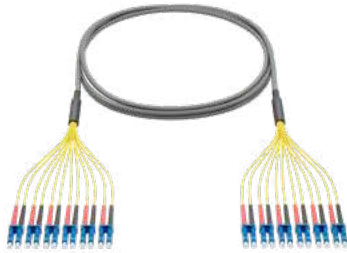
VARIANT	REFERENCE NO.	DSH
F/F ● MPO trunk cable PC female – MPO PC female, OM5, type C, 1m	G-12-MTP.F-MTP.F-R30-001-1-M-C	
F/F ● MPO trunk cable PC female – MPO PC female, OM5, type C, 2m	G-12-MTP.F-MTP.F-R30-002-1-M-C	
F/F ● MPO trunk cable PC female – MPO PC female, OM5, type C, 3m	G-12-MTP.F-MTP.F-R30-003-1-M-C	
F/F ● MPO trunk cable PC female – MPO PC female, OM5, type C, 5m	G-12-MTP.F-MTP.F-R30-005-1-M-C	
F/F ● MPO trunk cable PC female – MPO PC female, OM5, type C, 10m	G-12-MTP.F-MTP.F-R30-010-1-M-C	
F/F ● MPO trunk cable PC female – MPO PC female, OM5, type C, 15m	G-12-MTP.F-MTP.F-R30-015-1-M-C	

VARIANT	REFERENCE NO.	DSH
M/M ● MPO trunk cable PC male – MPO PC male, OM5, type C, 1m	G-12-MTP.M-MTP.M-R30-001-1-M-C	
M/M ● MPO trunk cable PC male – MPO PC male, OM5, type C, 2m	G-12-MTP.M-MTP.M-R30-002-1-M-C	
M/M ● MPO trunk cable PC male – MPO PC male, OM5, type C, 3m	G-12-MTP.M-MTP.M-R30-003-1-M-C	
M/M ● MPO trunk cable PC male – MPO PC male, OM5, type C, 5m	G-12-MTP.M-MTP.M-R30-005-1-M-C	
M/M ● MPO trunk cable PC male – MPO PC male, OM5, type C, 10m	G-12-MTP.M-MTP.M-R30-010-1-M-C	
M/M ● MPO trunk cable PC male – MPO PC male, OM5, type C, 15m	G-12-MTP.M-MTP.M-R30-015-1-M-C	

VARIANT	REFERENCE NO.	DSH
F/M ● MPO trunk cable PC female – MPO PC male, OM5, type C, 1m	G-12-MTP.F-MTP.M-R30-001-1-M-C	
F/M ● MPO trunk cable PC female – MPO PC male, OM5, type C, 2m	G-12-MTP.F-MTP.M-R30-002-1-M-C	
F/M ● MPO trunk cable PC female – MPO PC male, OM5, type C, 3m	G-12-MTP.F-MTP.M-R30-003-1-M-C	
F/M ● MPO trunk cable PC female – MPO PC male, OM5, type C, 5m	G-12-MTP.F-MTP.M-R30-005-1-M-C	
F/M ● MPO trunk cable PC female – MPO PC male, OM5, type C, 10m	G-12-MTP.F-MTP.M-R30-010-1-M-C	
F/M ● MPO trunk cable PC female – MPO PC male, OM5, type C, 15m	G-12-MTP.F-MTP.M-R30-015-1-M-C	

# Harness cables LCd-LCd

## Harness cable LCd-LCd, SM, 652D, 12FO



- Factory pre-connectorized EXO-G0 fiber optic cable
- Furcation point secured with a plastic sleeve and heat shrink cover
- Output fibers secured with a 1.8 mm Kevlar reinforced tube
- Fanouts length: 50 cm
- 21 Single-Mode 652D optical fibers terminated with a LC PC connector
- Fanouts number marks
- LSOH outer sheath

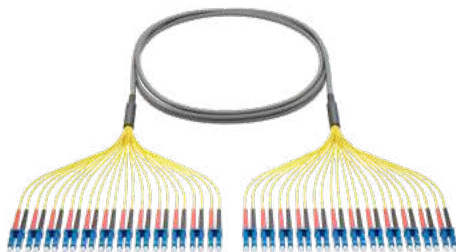
VARIANT

REFERENCE NO.

DSH

Pre-connectorized cable EXO-G0-LSOH 12J G652D 12LC/12LC, TCF, 5m	TCF-12LC00501-12LC00501-09A12-005-22-1	
Pre-connectorized cable EXO-G0-LSOH 12J G652D 12LC/12LC, TCF, 10m	TCF-12LC00501-12LC00501-09A12-010-22-1	
Pre-connectorized cable EXO-G0-LSOH 12J G652D 12LC/12LC, TCF, 15m	TCF-12LC00501-12LC00501-09A12-015-22-1	
Pre-connectorized cable EXO-G0-LSOH 12J G652D 12LC/12LC, TCF, 20m	TCF-12LC00501-12LC00501-09A12-020-22-1	
Pre-connectorized cable EXO-G0-LSOH 12J G652D 12LC/12LC, TCF, 30m	TCF-12LC00501-12LC00501-09A12-030-22-1	
Pre-connectorized cable EXO-G0-LSOH 12J G652D 12LC/12LC, TCF, 50m	TCF-12LC00501-12LC00501-09A12-050-22-1	

## Harness cable LCd-LCd, SM, 652D, 24FO



- Factory pre-connectorized EXO-G0 fiber optic cable
- Furcation point secured with a plastic sleeve and heat shrink cover
- Output fibers secured with a 1.8 mm Kevlar reinforced tube
- Fanouts length: 50 cm
- 24 Single-Mode 652D optical fibers terminated with a LC PC connector
- Fanouts number marks
- LSOH outer sheath

VARIANT

REFERENCE NO.

DSH

Pre-connectorized cable EXO-G0-LSOH 24J G652D 24LC/24LC, TCF, 5m	TCF-24LC00501-24LC00501-09A24-005-22-1	
Pre-connectorized cable EXO-G0-LSOH 24J G652D 24LC/24LC, TCF, 10m	TCF-24LC00501-24LC00501-09A24-010-22-1	
Pre-connectorized cable EXO-G0-LSOH 24J G652D 24LC/24LC, TCF, 15m	TCF-24LC00501-24LC00501-09A24-015-22-1	
Pre-connectorized cable EXO-G0-LSOH 24J G652D 24LC/24LC, TCF, 20m	TCF-24LC00501-24LC00501-09A24-020-22-1	
Pre-connectorized cable EXO-G0-LSOH 24J G652D 24LC/24LC, TCF, 30m	TCF-24LC00501-24LC00501-09A24-030-22-1	
Pre-connectorized cable EXO-G0-LSOH 24J G652D 24LC/24LC, TCF, 50m	TCF-24LC00501-24LC00501-09A24-050-22-1	

# Harness cables LCAd-LCAd

## Harness cable LCAd-LCAd, SM, 652D, 12FO



- Factory pre-connectorized EXO-G0 fiber optic cable
- Furcation point secured with a plastic sleeve and heat shrink cover
- Output fibers secured with a 1.8 mm Kevlar reinforced tube
- Fanouts length: 50 cm
- 21 Single-Mode 652D optical fibers terminated with a LC APC connector
- Fanouts number marks
- LSOH outer sheath

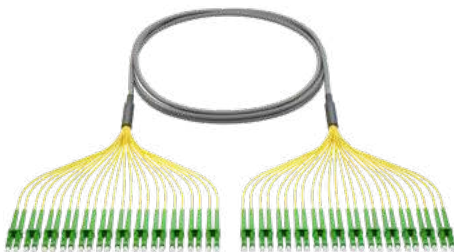
VARIANT

REFERENCE NO.

DSH

Pre-connectorized cable EXO-G0-LSOH 12J G652D 12LCA/12LCA, TCF, 5m	TCF-12LA00501-12LA00501-09A12-005-22-1	
Pre-connectorized cable EXO-G0-LSOH 12J G652D 12LCA/12LCA, TCF, 10m	TCF-12LA00501-12LA00501-09A12-010-22-1	
Pre-connectorized cable EXO-G0-LSOH 12J G652D 12LCA/12LCA, TCF, 15m	TCF-12LA00501-12LA00501-09A12-015-22-1	
Pre-connectorized cable EXO-G0-LSOH 12J G652D 12LCA/12LCA, TCF, 20m	TCF-12LA00501-12LA00501-09A12-020-22-1	
Pre-connectorized cable EXO-G0-LSOH 12J G652D 12LCA/12LCA, TCF, 30m	TCF-12LA00501-12LA00501-09A12-030-22-1	
Pre-connectorized cable EXO-G0-LSOH 12J G652D 12LCA/12LCA, TCF, 50m	TCF-12LA00501-12LA00501-09A12-050-22-1	

## Harness cable LCAd-LCAd, SM, 652D, 24FO



- Factory pre-connectorized EXO-G0 fiber optic cable
- Furcation point secured with a plastic sleeve and heat shrink cover
- Output fibers secured with a 1.8 mm Kevlar reinforced tube
- Fanouts length: 50 cm
- 24 Single-Mode 652D optical fibers terminated with a LC APC connector
- Fanouts number marks
- LSOH outer sheath

VARIANT

REFERENCE NO.

DSH

Pre-connectorized cable EXO-G0-LSOH 24J G652D 24LCA/24LCA, TCF, 5m	TCF-24LA00501-24LA00501-09A24-005-22-1	
Pre-connectorized cable EXO-G0-LSOH 24J G652D 24LCA/24LCA, TCF, 10m	TCF-24LA00501-24LA00501-09A24-010-22-1	
Pre-connectorized cable EXO-G0-LSOH 24J G652D 24LCA/24LCA, TCF, 15m	TCF-24LA00501-24LA00501-09A24-015-22-1	
Pre-connectorized cable EXO-G0-LSOH 24J G652D 24LCA/24LCA, TCF, 20m	TCF-24LA00501-24LA00501-09A24-020-22-1	
Pre-connectorized cable EXO-G0-LSOH 24J G652D 24LCA/24LCA, TCF, 30m	TCF-24LA00501-24LA00501-09A24-030-22-1	
Pre-connectorized cable EXO-G0-LSOH 24J G652D 24LCA/24LCA, TCF, 50m	TCF-24LA00501-24LA00501-09A24-050-22-1	

# Harness cables LCd-LCd

## Harness cable LCd-LCd, MM OM3, 12FO



- Factory pre-connectorized EXO-G0 fiber optic cable
- Furcation point secured with a plastic sleeve and heat shrink cover
- Output fibers secured with a 1.8 mm Kevlar reinforced tube
- Fanouts length: 50 cm
- 12 Multi-Mode OM3 optical fibers terminated with a LC PC connector
- Fanouts number marks
- LSOH outer sheath

VARIANT

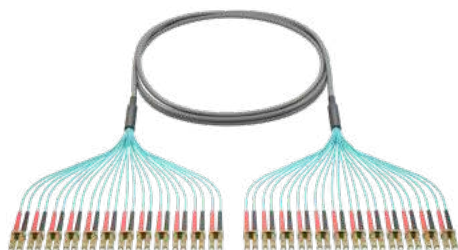
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Pre-connectorized cable EXO-G0-LSOH 12G OM3 12LC/12LC, TCF, 5m	TCF-12LC00501-12LC00501-09K12-005-22-1
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Pre-connectorized cable EXO-G0-LSOH 12G OM3 12LC/12LC, TCF, 15m	TCF-12LC00501-12LC00501-09K12-015-22-1
Pre-connectorized cable EXO-G0-LSOH 12G OM3 12LC/12LC, TCF, 20m	TCF-12LC00501-12LC00501-09K12-020-22-1
Pre-connectorized cable EXO-G0-LSOH 12G OM3 12LC/12LC, TCF, 30m	TCF-12LC00501-12LC00501-09K12-030-22-1
Pre-connectorized cable EXO-G0-LSOH 12G OM3 12LC/12LC, TCF, 50m	TCF-12LC00501-12LC00501-09K12-050-22-1



## Harness cable LCd-LCd, MM OM3, 24FO



- Factory pre-connectorized EXO-G0 fiber optic cable
- Furcation point secured with a plastic sleeve and heat shrink cover
- Output fibers secured with a 1.8 mm Kevlar reinforced tube
- Fanouts length: 50 cm
- 24 Multi-Mode OM3 optical fibers terminated with a LC PC connector
- Fanouts number marks
- LSOH outer sheath

VARIANT

REFERENCE NO.

DSH

Pre-connectorized cable EXO-G0-LSOH 24G OM3 24LC/24LC, TCF, 5m	TCF-24LC00501-24LC00501-09K24-005-22-1
Pre-connectorized cable EXO-G0-LSOH 24G OM3 24LC/24LC, TCF, 10m	TCF-24LC00501-24LC00501-09K24-010-22-1
Pre-connectorized cable EXO-G0-LSOH 24G OM3 24LC/24LC, TCF, 15m	TCF-24LC00501-24LC00501-09K24-015-22-1
Pre-connectorized cable EXO-G0-LSOH 24G OM3 24LC/24LC, TCF, 20m	TCF-24LC00501-24LC00501-09K24-020-22-1
Pre-connectorized cable EXO-G0-LSOH 24G OM3 24LC/24LC, TCF, 30m	TCF-24LC00501-24LC00501-09K24-030-22-1
Pre-connectorized cable EXO-G0-LSOH 24G OM3 24LC/24LC, TCF, 50m	TCF-24LC00501-24LC00501-09K24-050-22-1





# Harness cables LCd-LCd

## Harness cable LCd-LCd, MM OM4, 12FO



- Factory pre-connectorized EXO-G0 fiber optic cable
- Furcation point secured with a plastic sleeve and heat shrink cover
- Output fibers secured with a 1.8 mm Kevlar reinforced tube
- Fanouts length: 50 cm
- 12 Multi-Mode OM4 optical fibers terminated with a LC PC connector
- Fanouts number marks
- LSOH outer sheath

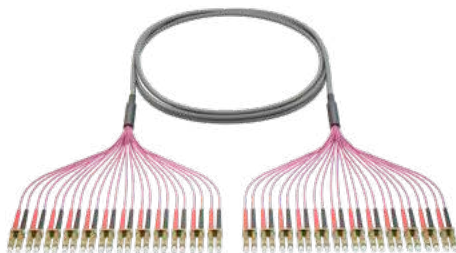
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REFERENCE NO.

DSH

Pre-connectorized cable EXO-G0-LSOH 12G OM4 12LC/12LC, TCF, 5m	TCF-12LC00501-12LC00501-09L12-005-22-1	
Pre-connectorized cable EXO-G0-LSOH 12G OM4 12LC/12LC, TCF, 10m	TCF-12LC00501-12LC00501-09L12-010-22-1	
Pre-connectorized cable EXO-G0-LSOH 12G OM4 12LC/12LC, TCF, 15m	TCF-12LC00501-12LC00501-09L12-015-22-1	
Pre-connectorized cable EXO-G0-LSOH 12G OM4 12LC/12LC, TCF, 20m	TCF-12LC00501-12LC00501-09L12-020-22-1	
Pre-connectorized cable EXO-G0-LSOH 12G OM4 12LC/12LC, TCF, 30m	TCF-12LC00501-12LC00501-09L12-030-22-1	
Pre-connectorized cable EXO-G0-LSOH 12G OM4 12LC/12LC, TCF, 50m	TCF-12LC00501-12LC00501-09L12-050-22-1	

## Harness cable LCd-LCd, MM OM4, 24FO



- Factory pre-connectorized EXO-G0 fiber optic cable
- Furcation point secured with a plastic sleeve and heat shrink cover
- Output fibers secured with a 1.8 mm Kevlar reinforced tube
- Fanouts length: 50 cm
- 24 Multi-Mode OM4 optical fibers terminated with a LC PC connector
- Fanouts number marks
- LSOH outer sheath

VARIANT

REFERENCE NO.

DSH

Pre-connectorized cable EXO-G0-LSOH 24G OM4 24LC/24LC, TCF, 5m	TCF-24LC00501-24LC00501-09L24-005-22-1	
Pre-connectorized cable EXO-G0-LSOH 24G OM4 24LC/24LC, TCF, 10m	TCF-24LC00501-24LC00501-09L24-010-22-1	
Pre-connectorized cable EXO-G0-LSOH 24G OM4 24LC/24LC, TCF, 15m	TCF-24LC00501-24LC00501-09L24-015-22-1	
Pre-connectorized cable EXO-G0-LSOH 24G OM4 24LC/24LC, TCF, 20m	TCF-24LC00501-24LC00501-09L24-020-22-1	
Pre-connectorized cable EXO-G0-LSOH 24G OM4 24LC/24LC, TCF, 30m	TCF-24LC00501-24LC00501-09L24-030-22-1	
Pre-connectorized cable EXO-G0-LSOH 24G OM4 24LC/24LC, TCF, 50m	TCF-24LC00501-24LC00501-09L24-050-22-1	

# Harness cables LCd-LCd

## Harness cable LCd-LCd, MM OM5, 12FO



- Factory pre-connectorized EXO-G0 fiber optic cable
- Furcation point secured with a plastic sleeve and heat shrink cover
- Output fibers secured with a 1.8 mm Kevlar reinforced tube
- Fanouts length: 50 cm
- 12 Multi-Mode OM5 optical fibers terminated with a LC PC connector
- Fanouts number marks
- LSOH outer sheath

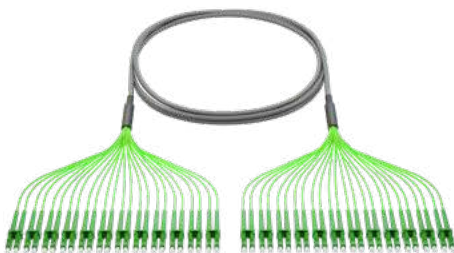
VARIANT

REFERENCE NO.

DSH

Pre-connectorized cable EXO-G0-LSOH 12G OM5 12LC/12LC, TCF, 5m	TCF-12LC00501-12LC00501-09M12-005-22-1	
Pre-connectorized cable EXO-G0-LSOH 12G OM5 12LC/12LC, TCF, 10m	TCF-12LC00501-12LC00501-09M12-010-22-1	
Pre-connectorized cable EXO-G0-LSOH 12G OM5 12LC/12LC, TCF, 15m	TCF-12LC00501-12LC00501-09M12-015-22-1	
Pre-connectorized cable EXO-G0-LSOH 12G OM5 12LC/12LC, TCF, 20m	TCF-12LC00501-12LC00501-09M12-020-22-1	
Pre-connectorized cable EXO-G0-LSOH 12G OM5 12LC/12LC, TCF, 30m	TCF-12LC00501-12LC00501-09M12-030-22-1	
Pre-connectorized cable EXO-G0-LSOH 12G OM5 12LC/12LC, TCF, 50m	TCF-12LC00501-12LC00501-09M12-050-22-1	

## Harness cable LCd-LCd, MM OM5, 24FO



- Factory pre-connectorized EXO-G0 fiber optic cable
- Furcation point secured with a plastic sleeve and heat shrink cover
- Output fibers secured with a 1.8 mm Kevlar reinforced tube
- Fanouts length: 50 cm
- 24 Multi-Mode OM5 optical fibers terminated with a LC PC connector
- Fanouts number marks
- LSOH outer sheath

VARIANT

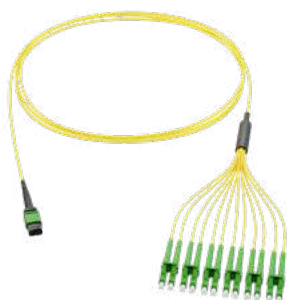
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DSH

Pre-connectorized cable EXO-G0-LSOH 24G OM5 24LC/24LC, TCF, 5m	TCF-24LC00501-24LC00501-09M24-005-22-1	
Pre-connectorized cable EXO-G0-LSOH 24G OM5 24LC/24LC, TCF, 10m	TCF-24LC00501-24LC00501-09M24-010-22-1	
Pre-connectorized cable EXO-G0-LSOH 24G OM5 24LC/24LC, TCF, 15m	TCF-24LC00501-24LC00501-09M24-015-22-1	
Pre-connectorized cable EXO-G0-LSOH 24G OM5 24LC/24LC, TCF, 20m	TCF-24LC00501-24LC00501-09M24-020-22-1	
Pre-connectorized cable EXO-G0-LSOH 24G OM5 24LC/24LC, TCF, 30m	TCF-24LC00501-24LC00501-09M24-030-22-1	
Pre-connectorized cable EXO-G0-LSOH 24G OM5 24LC/24LC, TCF, 50m	TCF-24LC00501-24LC00501-09M24-050-22-1	

# MPO-LC harness cables

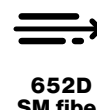
## Pre-connectorized cable MPO(m)-12xLC PC, SM, G652D



- DC-Prim pre-connectorized cable
- Male MPO connector terminated directly on the cable
- Druga strona kabla zakończona wtykami LC PC
- LSOH outer sheath w kolorze żółtym
- Fanouts length: 50 cm
- Wtyk MPO męski
- 652D Single-Mode fiber
- Furcation point on the LC connectors side secured with epoxy resin

VARIANT	REFERENCE NO.	DSH
M Pre-connectorized cable DC-Prim LSOH MPO.M-12xLC PC, 652D, 5m	TEF-01MPOA.M-12LC00501-01A12-005-01-1	
M Pre-connectorized cable DC-Prim LSOH MPO.M-12xLC PC, 652D, 10m	TEF-01MPOA.M-12LC00501-01A12-010-01-1	
M Pre-connectorized cable DC-Prim LSOH MPO.M-12xLC PC, 652D, 15m	TEF-01MPOA.M-12LC00501-01A12-015-01-1	
M Pre-connectorized cable DC-Prim LSOH MPO.M-12xLC PC, 652D, 20m	TEF-01MPOA.M-12LC00501-01A12-020-01-1	
M Pre-connectorized cable DC-Prim LSOH MPO.M-12xLC PC, 652D, 25m	TEF-01MPOA.M-12LC00501-01A12-025-01-1	

## Pre-connectorized cable MPO(m)-12xLC APC, SM, G652D



VARIANT	REFERENCE NO.	DSH
M Pre-connectorized cable DC-Prim LSOH MPO.M-12xLC APC, 652D, 5m	TEF-01MPOA.M-12LA00501-01A12-005-01-1	
M Pre-connectorized cable DC-Prim LSOH MPO.M-12xLC APC, 652D, 10m	TEF-01MPOA.M-12LA00501-01A12-010-01-1	
M Pre-connectorized cable DC-Prim LSOH MPO.M-12xLC APC, 652D, 15m	TEF-01MPOA.M-12LA00501-01A12-015-01-1	
M Pre-connectorized cable DC-Prim LSOH MPO.M-12xLC APC, 652D, 20m	TEF-01MPOA.M-12LA00501-01A12-020-01-1	
M Pre-connectorized cable DC-Prim LSOH MPO.M-12xLC APC, 652D, 25m	TEF-01MPOA.M-12LA00501-01A12-025-01-1	

## Pre-connectorized cable MPO(f)-12xLC PC, SM, G652D



VARIANT	REFERENCE NO.	DSH
F Pre-connectorized cable DC-Prim LSOH MPO.F-12xLC PC, 652D, 5m	TEF-01MPOA.F-12LC00501-01A12-005-01-1	
F Pre-connectorized cable DC-Prim LSOH MPO.F-12xLC PC, 652D, 10m	TEF-01MPOA.F-12LC00501-01A12-010-01-1	
F Pre-connectorized cable DC-Prim LSOH MPO.F-12xLC PC, 652D, 15m	TEF-01MPOA.F-12LC00501-01A12-015-01-1	
F Pre-connectorized cable DC-Prim LSOH MPO.F-12xLC PC, 652D, 20m	TEF-01MPOA.F-12LC00501-01A12-020-01-1	
F Pre-connectorized cable DC-Prim LSOH MPO.F-12xLC PC, 652D, 25m	TEF-01MPOA.F-12LC00501-01A12-025-01-1	

# MPO-LC harness cables

## Pre-connectorized cable MPO(f)-12xLC APC, SM, G652D



LSOH



Włókno SM  
G652D

VARIANT

REFERENCE NO.

DSH

F	Pre-connectorized cable DC-Prim LSOH MPO.F-12xLC APC, 652D, 5m	TEF-01MPOA.F-12LA00501-01A12-005-01-1
F	Pre-connectorized cable DC-Prim LSOH MPO.F-12xLC APC, 652D, 10m	TEF-01MPOA.F-12LA00501-01A12-010-01-1
F	Pre-connectorized cable DC-Prim LSOH MPO.F-12xLC APC, 652D, 15m	TEF-01MPOA.F-12LA00501-01A12-015-01-1
F	Pre-connectorized cable DC-Prim LSOH MPO.F-12xLC APC, 652D, 20m	TEF-01MPOA.F-12LA00501-01A12-020-01-1
F	Pre-connectorized cable DC-Prim LSOH MPO.F-12xLC APC, 652D, 25m	TEF-01MPOA.F-12LA00501-01A12-025-01-1



# MPO-LC harness cables

## Pre-connectorized cable MPO(m)-12xLC PC, MM OM3



- DC-Prim pre-connectorized cable
- Male MPO connector terminated directly on the cable
- LC PC connectors on the opposite side
- Aqua LSOH outer sheath
- Fanouts length: 50 cm
- OM3 Multi-Mode fiber
- Furcation point on the LC connectors side secured with epoxy resin

VARIANT

REFERENCE NO.

DSH

M	Pre-connectorized cable DC-Prim LSOH MPO.M-12xLC PC, OM3, 5m	TEF-01MPOA.M-12LC00501-01K12-005-01-1	
M	Pre-connectorized cable DC-Prim LSOH MPO.M-12xLC PC, OM3, 10m	TEF-01MPOA.M-12LC00501-01K12-010-01-1	
M	Pre-connectorized cable DC-Prim LSOH MPO.M-12xLC PC, OM3, 15m	TEF-01MPOA.M-12LC00501-01K12-015-01-1	
M	Pre-connectorized cable DC-Prim LSOH MPO.M-12xLC PC, OM3, 20m	TEF-01MPOA.M-12LC00501-01K12-020-01-1	
M	Pre-connectorized cable DC-Prim LSOH MPO.M-12xLC PC, OM3, 25m	TEF-01MPOA.M-12LC00501-01K12-025-01-1	

## Pre-connectorized cable MPO(f)-12xLC PC, MM OM3



VARIANT

REFERENCE NO.

DSH

F	Pre-connectorized cable DC-Prim LSOH MPO.F-12xLC PC, OM3, 5m	TEF-01MPOA.F-12LC00501-01K12-005-01-1	
F	Pre-connectorized cable DC-Prim LSOH MPO.F-12xLC PC, OM3, 10m	TEF-01MPOA.F-12LC00501-01K12-010-01-1	
F	Pre-connectorized cable DC-Prim LSOH MPO.F-12xLC PC, OM3, 15m	TEF-01MPOA.F-12LC00501-01K12-015-01-1	
F	Pre-connectorized cable DC-Prim LSOH MPO.F-12xLC PC, OM3, 20m	TEF-01MPOA.F-12LC00501-01K12-020-01-1	
F	Pre-connectorized cable DC-Prim LSOH MPO.F-12xLC PC, OM3, 25m	TEF-01MPOA.F-12LC00501-01K12-025-01-1	

# MPO-LC harness cables

## Pre-connectorized cable MPO(m)-12xLC PC, MM OM4



- DC-Prim pre-connectorized cable
- Female MPO connector terminated directly on the cable
- LC PC connectors on the opposite side
- Magenta LSOH cable outer sheath
- Fanouts length: 50 cm
- OM4 Multi-Mode Fiber
- Furcation point on the LC connectors side secured with epoxy resin

VARIANT

REFERENCE NO.

DSH

M	Pre-connectorized cable DC-Prim LSOH MPO.M-12xLC PC, OM4, 5m	TEF-01MPOA.M-12LC00501-01L12-005-01-1	
M	Pre-connectorized cable DC-Prim LSOH MPO.M-12xLC PC, OM4, 10m	TEF-01MPOA.M-12LC00501-01L12-010-01-1	
M	Pre-connectorized cable DC-Prim LSOH MPO.M-12xLC PC, OM4, 15m	TEF-01MPOA.M-12LC00501-01L12-015-01-1	
M	Pre-connectorized cable DC-Prim LSOH MPO.M-12xLC PC, OM4, 20m	TEF-01MPOA.M-12LC00501-01L12-020-01-1	
M	Pre-connectorized cable DC-Prim LSOH MPO.M-12xLC PC, OM4, 25m	TEF-01MPOA.M-12LC00501-01L12-025-01-1	

## Pre-connectorized cable MPO(f)-12xLC PC, MM OM4



VARIANT

REFERENCE NO.

DSH

F	Pre-connectorized cable DC-Prim LSOH MPO.F-12xLC PC, OM4, 5m	TEF-01MPOA.F-12LC00501-01L12-005-01-1	
F	Pre-connectorized cable DC-Prim LSOH MPO.F-12xLC PC, OM4, 10m	TEF-01MPOA.F-12LC00501-01L12-010-01-1	
F	Pre-connectorized cable DC-Prim LSOH MPO.F-12xLC PC, OM4, 15m	TEF-01MPOA.F-12LC00501-01L12-015-01-1	
F	Pre-connectorized cable DC-Prim LSOH MPO.F-12xLC PC, OM4, 20m	TEF-01MPOA.F-12LC00501-01L12-020-01-1	
F	Pre-connectorized cable DC-Prim LSOH MPO.F-12xLC PC, OM4, 25m	TEF-01MPOA.F-12LC00501-01L12-025-01-1	

# MPO-LC harness cables

## Pre-connectorized cable MPO(m)-12xLC PC, MM OM5



- DC-Prim pre-connectorized cable
- Female MPO connector terminated directly on the cable
- LC PC connectors on the opposite side
- Green lime LSOH cable outer sheath
- Fanouts length: 50 cm
- OM5 Multi-Mode fiber
- Furcation point on the LC connectors side secured with epoxy resin

VARIANT

REFERENCE NO.

DSH

M	Pre-connectorized cable DC-Prim LSOH MPO.M-12xLC PC, OM5, 5m	TEF-01MPOA.M-12LC00501-01M12-005-01-1
M	Pre-connectorized cable DC-Prim LSOH MPO.M-12xLC PC, OM5, 10m	TEF-01MPOA.M-12LC00501-01M12-010-01-1
M	Pre-connectorized cable DC-Prim LSOH MPO.M-12xLC PC, OM5, 15m	TEF-01MPOA.M-12LC00501-01M12-015-01-1
M	Pre-connectorized cable DC-Prim LSOH MPO.M-12xLC PC, OM5, 20m	TEF-01MPOA.M-12LC00501-01M12-020-01-1
M	Pre-connectorized cable DC-Prim LSOH MPO.M-12xLC PC, OM5, 25m	TEF-01MPOA.M-12LC00501-01M12-025-01-1



## Pre-connectorized cable MPO(f)-12xLC PC, MM OM5



VARIANT

REFERENCE NO.

DSH

F	Pre-connectorized cable DC-Prim LSOH MPO.F-12xLC PC, OM5, 5m	TEF-01MPOA.F-12LC00501-01M12-005-01-1
F	Pre-connectorized cable DC-Prim LSOH MPO.F-12xLC PC, OM5, 10m	TEF-01MPOA.F-12LC00501-01M12-010-01-1
F	Pre-connectorized cable DC-Prim LSOH MPO.F-12xLC PC, OM5, 15m	TEF-01MPOA.F-12LC00501-01M12-015-01-1
F	Pre-connectorized cable DC-Prim LSOH MPO.F-12xLC PC, OM5, 20m	TEF-01MPOA.F-12LC00501-01M12-020-01-1
F	Pre-connectorized cable DC-Prim LSOH MPO.F-12xLC PC, OM5, 25m	TEF-01MPOA.F-12LC00501-01M12-025-01-1



FIBRAIN HIGH DENSITY

# HD patchcords

The patchcords are the last, but not least element of the transmission line, before active devices.



6/12 FO  
variants



SM/MM  
fibers



PC/APC  
polishing



Uniboot  
option

FIBRAIN  
GROUP.





# HD patchcords

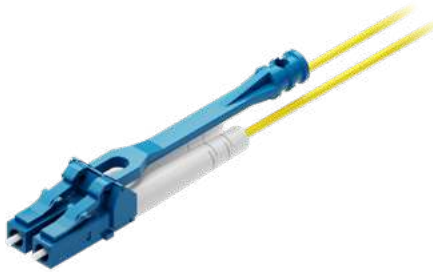
## LC duplex patchcord, SM, PC, HD, 652D



Push&pull clip



652D SM fiber



- Factory polished LCdx/PC HD connector
- Push&pull clip to easy plug/unplug the connector in high density environment
- Cable diameter: 1.8mm
- 652D Single-Mode Fiber
- Min. connection cycles: 1000
- Connection class: B
- $IL_{avg} \leq 0.12$  dB
- $IL_{max} \leq 0.25$  dB
- $RL \geq 55$  dB (PC)

VARIANT

REFERENCE NO.

DSH

● LCdx/PC, HD Patchcord, SM, 652D, 0.5m	HD-G-LCD-LCD-000.5-012-A-18-Y	
● LCdx/PC, HD Patchcord, SM, 652D, 1m	HD-G-LCD-LCD-001.0-012-A-18-Y	
● LCdx/PC, HD Patchcord, SM, 652D, 2m	HD-G-LCD-LCD-002.0-012-A-18-Y	
● LCdx/PC, HD Patchcord, SM, 652D, 3m	HD-G-LCD-LCD-003.0-012-A-18-Y	
● LCdx/PC, HD Patchcord, SM, 652D, 5m	HD-G-LCD-LCD-005.0-012-A-18-Y	

## LC duplex patchcord, SM, APC, HD, 652D



Push&pull clip



652D SM fiber



- Factory polished LCdx/APC HD connector
- Push&pull clip to easy plug/unplug the connector in high density environment
- Cable diameter: 1.8mm
- 652D Single-Mode Fiber
- Min. connection cycles: 1000
- Connection class: B
- $IL_{avg} \leq 0.12$  dB
- $IL_{max} \leq 0.25$  dB
- $RL \geq 65$  dB

VARIANT

REFERENCE NO.

DSH

● LCdx/APC HD Patchcord, 652D, 0.5m	HD-G-LCDA-LCDA-000.5-012-A-18-Y	
● LCdx/APC HD Patchcord, 652D, 1m	HD-G-LCDA-LCDA-001.0-012-A-18-Y	
● LCdx/APC HD Patchcord, 652D, 2m	HD-G-LCDA-LCDA-002.0-012-A-18-Y	
● LCdx/APC HD Patchcord, 652D, 3m	HD-G-LCDA-LCDA-003.0-012-A-18-Y	
● LCdx/APC HD Patchcord, 652D, 5m	HD-G-LCDA-LCDA-005.0-012-A-18-Y	

# HD patchcords

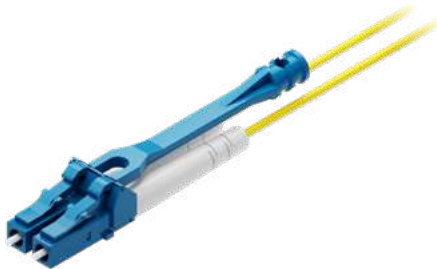
## LC duplex patchcord, SM, PC, HD, 657A1



Push&pull clip



SM 657A1 fiber



- Factory polished LCdx/PC HD connector
- Push&pull clip to easy plug/unplug the connector in high density environment
- Cable diameter: 1.8mm
- 657A1 Single-Mode Fiber
- Min. connection cycles: 1000
- Connection class: B
- $IL_{avg} \leq 0.12$  dB
- $IL_{max} \leq 0.25$  dB
- $RL \geq 55$  dB

VARIANT

REFERENCE NO.

DSH

● LCdx/PC, HD Patchcord, 657A1, 0.5m	HD-G-LCD-LCD-000.5-012-D-18-Y	
● LCdx/PC, HD Patchcord, 657A1, 1m	HD-G-LCD-LCD-001.0-012-D-18-Y	
● LCdx/PC, HD Patchcord, 657A1, 2m	HD-G-LCD-LCD-002.0-012-D-18-Y	
● LCdx/PC, HD Patchcord, 657A1, 3m	HD-G-LCD-LCD-003.0-012-D-18-Y	
● LCdx/PC, HD Patchcord, 657A1, 5m	HD-G-LCD-LCD-005.0-012-D-18-Y	

## LC duplex patchcord, SM, APC, HD, 657A1



Push&pull clip



SM 657A1 fiber



- Factory polished LCdx/APC HD connector
- Push&pull clip to easy plug/unplug the connector in high density environment
- Cable diameter: 1.8mm
- 657A1 Single-Mode Fiber
- Min. connection cycles: 1000
- Connection class: B
- $IL_{avg} \leq 0.12$  dB
- $IL_{max} \leq 0.25$  dB
- $RL \geq 65$  dB

VARIANT

REFERENCE NO.

DSH

● LCdx/APC, HD Patchcord, 657A1, 0.5m	HD-G-LCDA-LCDA-000.5-012-D-18-Y	
● LCdx/APC, HD Patchcord, 657A1, 1m	HD-G-LCDA-LCDA-001.0-012-D-18-Y	
● LCdx/APC, HD Patchcord, 657A1, 2m	HD-G-LCDA-LCDA-002.0-012-D-18-Y	
● LCdx/APC, HD Patchcord, 657A1, 3m	HD-G-LCDA-LCDA-003.0-012-D-18-Y	
● LCdx/APC, HD Patchcord, 657A1, 5m	HD-G-LCDA-LCDA-005.0-012-D-18-Y	

# HD patchcords

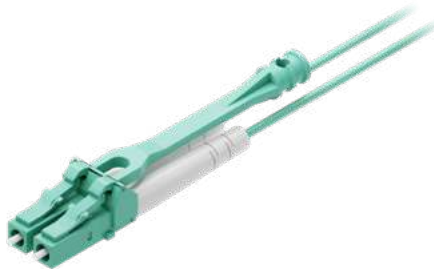
## LC duplex patchcord, MM, PC, HD, OM3



Push&pull clip



OM3  
MM fiber








- Factory polished LCdx/PC HD connector
- Push&pull clip to easy plug/unplug the connector in high density environment
- Cable diameter: 1.8mm
- OM3 Multi-Mode Fiber
- Min. connection cycles: 1000
- $IL_{avg} \leq 0.12$  dB
- $IL_{max} \leq 0.20$  dB
- $RL \geq 35$  dB

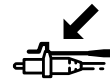
VARIANT

REFERENCE NO.

DSH

 LCdx/PC, HD Patchcord, OM3, 0.5m	HD-G-LCD-LCD-000.5-012-K-18-Y	
 LCdx/PC, HD Patchcord, OM3, 1m	HD-G-LCD-LCD-001.0-012-K-18-Y	
 LCdx/PC, HD Patchcord, OM3, 2m	HD-G-LCD-LCD-002.0-012-K-18-Y	
 LCdx/PC, HD Patchcord, OM3, 3m	HD-G-LCD-LCD-003.0-012-K-18-Y	
 LCdx/PC, HD Patchcord, OM3, 5m	HD-G-LCD-LCD-005.0-012-K-18-Y	

## LC duplex patchcord, MM, PC, HD, OM4



Push&pull clip



OM4  
MM fiber









- Factory polished LCdx/APC HD connector
- Push&pull clip to easy plug/unplug the connector in high density environment
- Cable diameter: 1.8mm
- OM4 Multi-Mode Fiber
- Min. connection cycles: 1000
- Connection class: B
- $IL_{avg} \leq 0.12$  dB
- $IL_{max} \leq 0.20$  dB
- $RL \geq 35$  dB

VARIANT

REFERENCE NO.

DSH

 LCdx/PC, HD Patchcord, OM4, 0.5m	HD-G-LCD-LCD-000.5-012-L-18-Y	
 LCdx/PC, HD Patchcord, OM4, 1m	HD-G-LCD-LCD-001.0-012-L-18-Y	
 LCdx/PC, HD Patchcord, OM4, 2m	HD-G-LCD-LCD-002.0-012-L-18-Y	
 LCdx/PC, HD Patchcord, OM4, 3m	HD-G-LCD-LCD-003.0-012-L-18-Y	
 LCdx/PC, HD Patchcord, OM4, 5m	HD-G-LCD-LCD-005.0-012-L-18-Y	

# HD patchcords

## LC duplex patchcord, MM, PC HD, OM5



Push&pull clip



OM5  
MM fiber



- Factory polished LCdx/PC HD connector
- Push&pull clip to easy plug/unplug the connector in high density environment
- Cable diameter: 1.8mm
- OM5 Multi-Mode Fiber
- Min. connection cycles: 1000
- $IL_{avg} \leq 0.12$  dB
- $IL_{max} \leq 0.20$  dB
- $RL \geq 35$  dB

VARIANT

REFERENCE NO.

DSH

● LCdx/PC, HD Patchcord, OM5, 0.5m	HD-G-LCD-LCD-000.5-012-K-18-Y	
● LCdx/PC, HD Patchcord, OM5, 1m	HD-G-LCD-LCD-001.0-012-K-18-Y	
● LCdx/PC, HD Patchcord, OM5, 2m	HD-G-LCD-LCD-002.0-012-K-18-Y	
● LCdx/PC, HD Patchcord, OM5, 3m	HD-G-LCD-LCD-003.0-012-K-18-Y	
● LCdx/PC, HD Patchcord, OM5, 5m	HD-G-LCD-LCD-005.0-012-K-18-Y	

## LC duplex patchcord uniboot, SM, PC, HD, 652D



Uniboot



Push&pull clip



652D  
SM fiber



- Factory polished LCdx/PC HD connector
- Push&pull clip to easy plug/unplug the connector in high density environment
- Simplex 2J cable
- Single cable strain relief, uniboot type
- Cable diameter: 3.0mm
- 652D Single-Mode fiber
- Min. connection cycles: 1000
- Connection class: B
- $IL_{avg} \leq 0.12$  dB
- $IL_{max} \leq 0.25$  dB
- $RL \geq 55$  dB

VARIANT

REFERENCE NO.

DSH

● LCdx/PC, HD Patchcord, uniboot, 652D, 0.5m	HD-G-LCU-LCU-000.5-032-A-30-Y	
● LCdx/PC, HD Patchcord, uniboot, 652D, 1m	HD-G-LCU-LCU-001.0-032-A-30-Y	
● LCdx/PC, HD Patchcord, uniboot, 652D, 2m	HD-G-LCU-LCU-002.0-032-A-30-Y	
● LCdx/PC, HD Patchcord, uniboot, 652D, 3m	HD-G-LCU-LCU-003.0-032-A-30-Y	
● LCdx/PC, HD Patchcord, uniboot, 652D, 5m	HD-G-LCU-LCU-005.0-032-A-30-Y	

# HD patchcords

## LC duplex patchcord uniboot, SM, APC, HD, 652D



Uniboot



Push&pull clip



652D SM fiber



- Factory polished LCdx/PC HD connector
- Push&pull clip to easy plug/unplug the connector in high density environment
- Simplex 2J cable
- Single cable strain relief, uniboot type
- Cable diameter: 3.0mm
- 652D Single-Mode fiber
- Min. connection cycles: 1000
- Connection class: B
- $IL_{avg} \leq 0.12$  dB
- $IL_{max} \leq 0.25$  dB
- $RL \geq 65$  dB

VARIANT

REFERENCE NO.

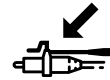
DSH

● LCdx/APC, HD Patchcord, uniboot, 652D, 0.5m	HD-G-LCUA-LCUA-000.5-032-A-30-Y	
● LCdx/APC, HD Patchcord, uniboot, 652D, 1m	HD-G-LCUA-LCUA-001.0-032-A-30-Y	
● LCdx/APC, HD Patchcord, uniboot, 652D, 2m	HD-G-LCUA-LCUA-002.0-032-A-30-Y	
● LCdx/APC, HD Patchcord, uniboot, 652D, 3m	HD-G-LCUA-LCUA-003.0-032-A-30-Y	
● LCdx/APC, HD Patchcord, uniboot, 652D, 5m	HD-G-LCUA-LCUA-005.0-032-A-30-Y	

## LC duplex patchcord uniboot, SM, PC, HD 657A1



Uniboot



Push&pull clip



SM 657A1 fiber



- Factory polished LCdx/PC HD connector
- Push&pull clip to easy plug/unplug the connector in high density environment
- Simplex 2J cable
- Single cable strain relief, uniboot type
- Cable diameter: 3.0mm
- 652D Single-Mode fiber
- Min. connection cycles: 1000
- Connection class: B
- $IL_{avg} \leq 0.12$  dB
- $IL_{max} \leq 0.25$  dB
- $RL \geq 55$  dB

VARIANT

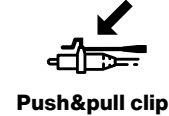
REFERENCE NO.

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● LCdx/PC, HD Patchcord, uniboot, 657A1, 0.5m	HD-G-LCU-LCU-000.5-032-D-30-Y	
● LCdx/PC, HD Patchcord, uniboot, 657A1, 1m	HD-G-LCU-LCU-001.0-032-D-30-Y	
● LCdx/PC, HD Patchcord, uniboot, 657A1, 2m	HD-G-LCU-LCU-002.0-032-D-30-Y	
● LCdx/PC, HD Patchcord, uniboot, 657A1, 3m	HD-G-LCU-LCU-003.0-032-D-30-Y	
● LCdx/PC, HD Patchcord, uniboot, 657A1, 5m	HD-G-LCU-LCU-005.0-032-D-30-Y	

# HD patchcords

## LC duplex patchcord uniboot, SM, APC, HD 657A1




- Factory polished LCdx/PC HD connector
- Push&pull clip to easy plug/unplug the connector in high density environment
- Simplex 2J cable
- Single cable strain relief, uniboot type
- Cable diameter: 3.0mm
- 652D Single-Mode fiber
- Min. connection cycles: 1000
- Connection class: B
- $IL_{avg} \leq 0.12$  dB
- $IL_{max} \leq 0.25$  dB
- $RL \geq 65$  dB

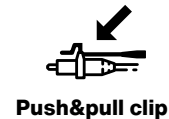
VARIANT

REFERENCE NO.

DSH

● LCdx/APC, HD Patchcord, uniboot, 657A1, 0.5m	HD-G-LCUA-LCUA-000.5-032-D-30-Y	
● LCdx/APC, HD Patchcord, uniboot, 657A1, 1m	HD-G-LCDA-LCDA-001.0-032-D-30-Y	
● LCdx/APC, HD Patchcord, uniboot, 657A1, 2m	HD-G-LCUA-LCUA-002.0-032-D-30-Y	
● LCdx/APC, HD Patchcord, uniboot, 657A1, 3m	HD-G-LCUA-LCUA-003.0-032-D-30-Y	
● LCdx/APC, HD Patchcord, uniboot, 657A1, 5m	HD-G-LCUA-LCUA-005.0-032-D-30-Y	

## LC duplex patchcord uniboot, MM, PC, HD, OM3



- Factory polished LCdx/PC HD connector
- Push&pull clip to easy plug/unplug the connector in high density environment
- Simplex 2J cable
- Single cable strain relief, uniboot type
- Cable diameter: 3.0mm
- 652D Single-Mode fiber
- Min. connection cycles: 1000
- $IL_{avg} \leq 0.12$  dB
- $IL_{max} \leq 0.20$  dB
- $RL \geq 35$  dB

VARIANT

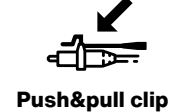
REFERENCE NO.

DSH

● LCdx/PC, HD Patchcord, uniboot, OM3, 0.5m	HD-G-LCU-LCU-000.5-012-K-18-Y	
● LCdx/PC, HD Patchcord, uniboot, OM3, 1m	HD-G-LCU-LCU-001.0-012-K-18-Y	
● LCdx/PC, HD Patchcord, uniboot, OM3, 2m	HD-G-LCU-LCU-002.0-012-K-18-Y	
● LCdx/PC, HD Patchcord, uniboot, OM3, 3m	HD-G-LCU-LCU-003.0-012-K-18-Y	
● LCdx/PC, HD Patchcord, uniboot, OM3, 5m	HD-G-LCU-LCU-005.0-012-K-18-Y	

# HD patchcords

## LC duplex patchcord uniboot, MM, PC, HD, OM4



- Factory polished LCdx/PC HD connector
- Push&pull clip to easy plug/unplug the connector in high density environment
- Simplex 2J cable
- Single cable strain relief, uniboot type
- Cable diameter: 3.0mm
- 652D Single-Mode fiber
- Min. connection cycles: 1000
- $IL_{avg} \leq 0.12$  dB
- $IL_{max} \leq 0.20$  dB
- $RL \geq 35$  dB

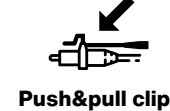
VARIANT

REFERENCE NO.

DSH

● LCdx/PC, HD Patchcord, uniboot, OM4, 0.5m	HD-G-LCU-LCU-000.5-012-L-18-Y	
● LCdx/PC, HD Patchcord, uniboot, OM4, 1m	HD-G-LCU-LCU-001.0-012-L-18-Y	
● LCdx/PC, HD Patchcord, uniboot, OM4, 2m	HD-G-LCU-LCU-002.0-012-L-18-Y	
● LCdx/PC, HD Patchcord, uniboot, OM4, 3m	HD-G-LCU-LCU-003.0-012-L-18-Y	
● LCdx/PC, HD Patchcord, uniboot, OM4, 5m	HD-G-LCU-LCU-005.0-012-L-18-Y	

## LC duplex patchcord, TMM, PC HD, OM5



- Factory polished LCdx/PC HD connector
- Push&pull clip to easy plug/unplug the connector in high density environment
- Simplex 2J cable
- Single cable strain relief, uniboot type
- Cable diameter: 3.0mm
- 652D Single-Mode fiber
- Min. connection cycles: 1000
- $IL_{avg} \leq 0.12$  dB
- $IL_{max} \leq 0.20$  dB
- $RL \geq 35$  dB

VARIANT

REFERENCE NO.

DSH

● LCdx/PC, HD Patchcord, uniboot, OM5, 0.5m	HD-G-LCU-LCU-000.5-012-M-18-Y	
● LCdx/PC, HD Patchcord, uniboot, OM5, 1m	HD-G-LCU-LCU-001.0-012-M-18-Y	
● LCdx/PC, HD Patchcord, uniboot, OM5, 2m	HD-G-LCU-LCU-002.0-012-M-18-Y	
● LCdx/PC, HD Patchcord, uniboot, OM5, 3m	HD-G-LCU-LCU-003.0-012-M-18-Y	
● LCdx/PC, HD Patchcord, uniboot, OM5, 5m	HD-G-LCU-LCU-005.0-012-M-18-Y	

FIBRAIN HIGH DENSITY

# HD Patchpanels

Scalability / Freedom of  
arrangement / Modularity



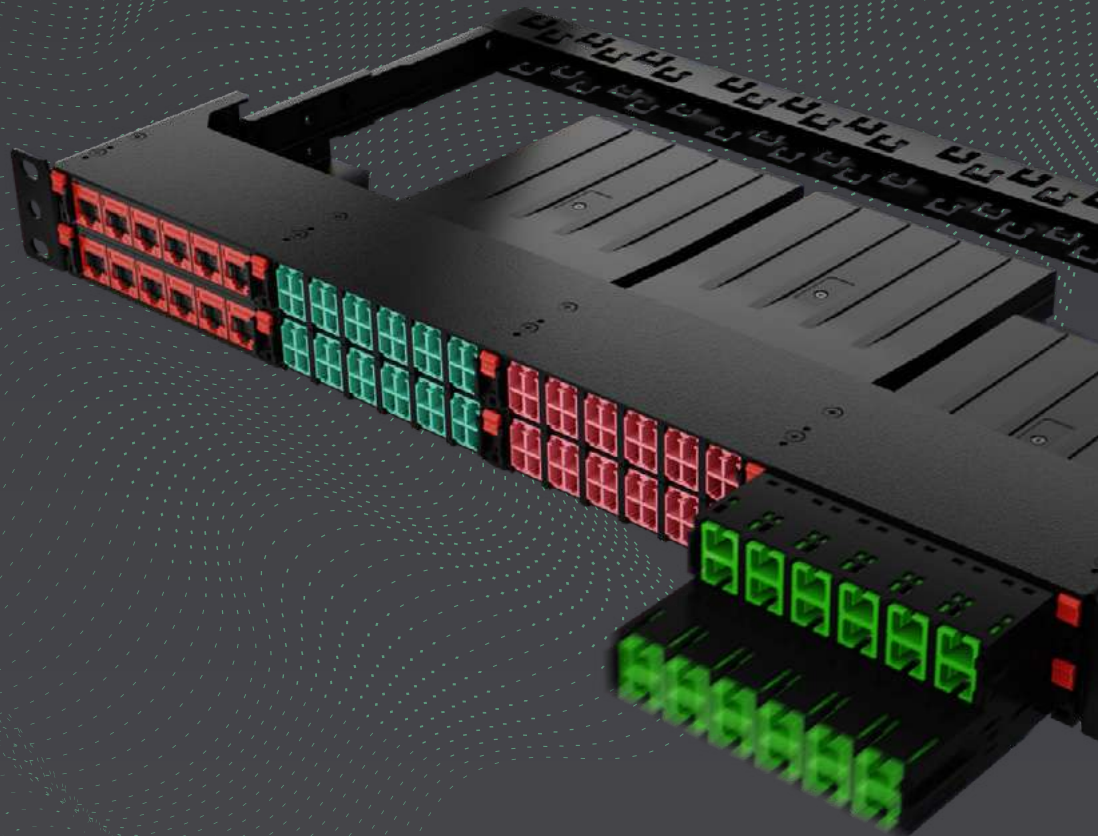
High density



8-slot modular design



FO+Cu hybrid



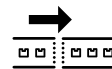
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GROUP.



# HD Patchpanels

## HD patchpanel, Cu/FO, max 48xRJ45

Cu/FO patchpanel frame



**Scalability**



**Hybrid  
FO/Cu**



- 8 slots
- Both Cu and FO connection support at the same time
- Grounding/No grounding options
- Max. port capacity: 48xRJ45/96 LC duplex
- Full range of performance: cat.5E-cat.6<sub>A</sub>,
- Support of the most important interfaces: SC, LC, E2000
- Support of splice, pre-connectorized and MPO connections
- Blind plugs for unused slots
- Possibility to mount patchcord cable organizer without additional space in the cabinet

VARIANT	REFERENCE NO.	DSH
Patchpanel unequipped, 8 slots, no grounding	XPU00	
Patchpanel unequipped, 8 slots, grounding	XPS00	

# HD Patchpanels

## FO holders, 6/12 ports



- To mount in a single HD slot
- 6/12 ports variants
- LC duplex, SC holder, E2000 interface support
- Material: plastic
- Label mounting holes
- Compatible with both FO and Cu slots

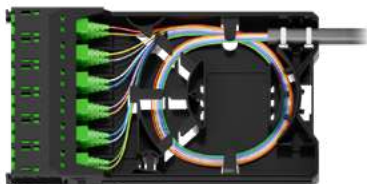
VARIANT	REFERENCE NO.
6x LCdx holder, MM, OM3	XMI1021CA
6x LCdx holder, MM, OM4	XMI1021DA
6x LCdx holder, MM, OM5	XMI1021HA
6x LCdx holder, SM, OS2 G.652D	XMI1021GA
6x LCdx holder/APC, SM, OS2 G.652D	XMI1031GA
6x SC holder, MM, OM3	XMI1041CA
6x SC holder, MM, OM4	XMI1041DA
6x SC holder, MM, OM5	XMI1041HA
6x SC holder, SM, OS2 G.652D	XMI1041GA
6x SC holder/APC, SM, OS2 G.652D	XMI1051GA
12x LCdx holder, MM, OM3	XMN1021CB
12x LCdx holder, MM, OM4	XMN1021DB
12x LCdx holder, MM, OM5	XMN1021HB
12x LCdx holder, SM, OS2 G.652D	XMN1021HB
12x LCdx holder/APC, SM, OS2 G.652D	XMN1031HB
12x SC holder, MM, OM3	XMN1041CA
12x SC holder, MM, OM4	XMN1041DA
12x SC holder, MM, OM5	XMN1041HA
12x SC holder, SM, OS2 G.652D	XMN1041GA
12x SC holder/APC, SM, OS2 G.652D	XMN1051GA

DSH



# HD Patchpanels

## FO Breakout cassettes for pre-connectorized connections, 6/12 ports



- To mount in a single HD slot
- 6/12-ports variants, equipped with FO adapters
- LC duplex, SC, E2000 interface support
- Material: plastic
- Cable reserve organizers
- Cable fastening
- Label mounting holes

VARIANT	REFERENCE NO.
BOT 6x LCdx cassette, MM, OM3	XMH1021CA
BOT 6x LCdx cassette, MM, OM4	XMH1021DA
BOT 6x LCdx cassette, MM, OM5	XMH1021HA
BOT 6x LCdx cassette, SM, OS2 G.652D	XMH1021GA
BOT 6x LCdx cassette/APC, SM, OS2 G.652D	XMH1031GA
BOT 6x SC cassette cassette, MM, OM3	XMH1041CA
BOT 6x SC cassette, MM, OM4	XMH1041DA
BOT 6x SC cassette, MM, OM5	XMH1041HA
BOT 6x SC cassette, SM, OS2 G.652D	XMH1041GA
BOT 6x SC cassette/APC, SM, OS2 G.652D	XMH1051GA
BOT 12x LCdx cassette, MM, OM3	XMR1021CB
BOT 12x LCdx cassette, MM, OM4	XMR1021DB
BOT 12x LCdx cassette, MM, OM5	XMR1021HB
BOT 12x LCdx cassette, SM, OS2 G.652D	XMR1021HB
BOT 12x LCdx cassette/APC, SM, OS2 G.652D	XMR1031HB
BOT 12x SC cassette, MM, OM3	XMR1041CA
BOT 12x SC cassette, MM, OM4	XMR1041DA
BOT 12x SC cassette, MM, OM5	XMR1041HA
BOT 12x SC cassette, SM, OS2 G.652D	XMR1041GA
BOT 12x SC cassette/APC, SM, OS2 G.652D	XMR1051GA

DSH



# HD Patchpanels

## FO splice cassette, 6/12 ports



- To mount in a single HD slot
- 6/12-ports variants
- Equipped with FO adapters
- Equipped with pigtail set
- Equipped with splice clamp
- Equipped with splice protectors
- LC duplex, SC, E2000 interface support
- Material: plastic
- Cable reserve organizers
- Pigtails reverse organizers
- Cable fastening
- Label mounting holes

VARIANT	REFERENCE NO.
SPL cassette 6x LCdx, MM, OM3	XMG1021CA
SPL cassette 6x LCdx, MM, OM4	XMG1021DA
SPL cassette 6x LCdx, MM, OM5	XMG1021HA
SPL cassette 6x LCdx, SM, OS2 G.652D	XMG1021GA
SPL cassette 6x LCdx/APC, SM, OS2 G.652D	XMG1031GA
SPL cassette 6x SC, MM, OM3	XMG1041CA
SPL cassette 6x SC, MM, OM4	XMG1041DA
SPL cassette 6x SC, MM, OM5	XMG1041HA
SPL cassette 6x SC, SM, OS2 G.652D	XMG1041GA
SPL cassette 6x SC/APC, SM, OS2 G.652D	XMG1051GA
SPL cassette 12x LCdx, MM, OM3	XMP1021CB
SPL cassette 12x LCdx, MM, OM4	XMP1021DB
SPL cassette 12x LCdx, MM, OM5	XMP1021HB
SPL cassette 12x LCdx, SM, OS2 G.652D	XMP1021HB
SPL cassette 12x LCdx/APC, SM, OS2 G.652D	XMP1031HB
SPL cassette 12x SC, MM, OM3	XMP1041CA
SPL cassette 12x SC, MM, OM4	XMP1041DA
SPL cassette 12x SC, MM, OM5	XMP1041HA
SPL cassette 12x SC, SM, OS2 G.652D	XMP1041GA
SPL cassette 12x SC/APC, SM, OS2 G.652D	XMP1051GA

DSH



# HD Patchpanels

## FO MPO cassette, 6/12 ports



- Plug&play solution
- To mount in a single HD slot
- 1xMPO/2xMPO variants
- 6/12-ports variants
- Type A/B connections
- Equipped with FO adapters
- Factory-made connections inside the cassette
- LC duplex, SC, E2000 interface support
- Material: plastic
- Cable reserve organizers
- Pigtails reverse organizers
- Cable fastening
- Label mounting holes

VARIANT	REFERENCE NO.
FO cassette, 1xMPO/f, type A, 6x LCdx, MM, OM3	XMA1021CA
FO cassette, 1xMPO/f, type A, 6x LCdx, MM, OM4	XMA1021DA
FO cassette, 1xMPO/f, type A, 6x LCdx, MM, OM5	XMA1021HA
FO cassette, 1xMPO/f, type A, 6x LCdx, SM, OS2 G.652D	XMA1021GA
FO cassette, 1xMPO/f, type A, 6x LCdx/APC, SM, OS2 G.652D	XMA1031GA
FO cassette, 1xMPO/m, type A, 6x LCdx, MM, OM3	XMB1021CA
FO cassette, 1xMPO/m, type A, 6x LCdx, MM, OM4	XMB1021DA
FO cassette, 1xMPO/m, type A, 6x LCdx, MM, OM5	XMB1021HA
FO cassette, 1xMPO/m, type A, 6x LCdx, SM, OS2 G.652D	XMB1021GA
FO cassette, 1xMPO/m, type A, 6x LCdx/APC, SM, OS2 G.652D	XMB1031GA
FO cassette, 1xMPO/f, type B, 6x LCdx, MM, OM3	XMC1021CA
FO cassette, 1xMPO/f, type B, 6x LCdx, MM, OM4	XMC1021DA
FO cassette, 1xMPO/f, type B, 6x LCdx, MM, OM5	XMC1021HA
FO cassette, 1xMPO/f, type B, 6x LCdx, SM, OS2 G.652D	XMC1021GA
FO cassette, 1xMPO/f, type B, 6x LCdx/APC, SM, OS2 G.652D	XMC1031GA
FO cassette, 1xMPO/m, type B, 6x LCdx, MM, OM3	XMD1021CA
FO cassette, 1xMPO/m, type B, 6x LCdx, MM, OM4	XMD1021DA
FO cassette, 1xMPO/m, type B, 6x LCdx, MM, OM5	XMD1021HA
FO cassette, 1xMPO/m, type B, 6x LCdx, SM, OS2 G.652D	XMD1021GA
FO cassette, 1xMPO/m, type B, 6x LCdx/APC, SM, OS2 G.652D	XMD1031GA

DSH



# HD Patchpanels

## FO MPO cassette, 6/12 ports

VARIANT	REFERENCE NO.
FO cassette, 1xMPO/f, type A, 12x SC, MM, OM3	XMA1041CB
FO cassette, 1xMPO/f, type A, 12x SC, MM, OM4	XMA1041DB
FO cassette, 1xMPO/f, type A, 12x SC, MM, OM5	XMA1041HB
FO cassette, 1xMPO/f, type A, 12x SC, SM, OS2 G.652D	XMA1041GB
FO cassette, 1xMPO/f, type A, 12x SC/APC, SM, OS2 G.652D	XMA1051GB
FO cassette, 1xMPO/m, type A, 12x SC, MM, OM3	XMB1041CB
FO cassette, 1xMPO/m, type A, 12x SC, MM, OM4	XMB1041DB
FO cassette, 1xMPO/m, type A, 12x SC, MM, OM5	XMB1041HB
FO cassette, 1xMPO/m, type A, 12x SC, SM, OS2 G.652D	XMB1041GB
FO cassette, 1xMPO/m, type A, 12x SC /APC, SM, OS2 G.652D	XMB1051GB
FO cassette, 1xMPO/f, type B, 12x SC, MM, OM3	XMC1041CB
FO cassette, 1xMPO/f, type B, 12x SC, MM, OM4	XMC1041DB
FO cassette, 1xMPO/f, type B, 12x SC, MM, OM5	XMC1041HB
FO cassette, 1xMPO/f, type B, 12x SC, SM, OS2 G.652D	XMC1041GB
FO cassette, 1xMPO/f, type B, 12x SC /APC, SM, OS2 G.652D	XMC1051GB
FO cassette, 1xMPO/m, type B, 12x SC, MM, OM3	XMD1041CB
FO cassette, 1xMPO/m, type B, 12x SC, MM, OM4	XMD1041DB
FO cassette, 1xMPO/m, type B, 12x SC, MM, OM5	XMD1041HB
FO cassette, 1xMPO/m, type B, 12x SC, SM, OS2 G.652D	XMD1041GB
FO cassette, 1xMPO/m, type B, 12x SC /APC, SM, OS2 G.652D	XMD1051GB
FO cassette, 2xMPO/f, type A, 12x LCdx, MM, OM3	XMJ1021CB
FO cassette, 2xMPO/f, type A, 12x LCdx, MM, OM4	XMJ1021DB
FO cassette, 2xMPO/f, type A, 12x LCdx, MM, OM5	XMJ1021HB
FO cassette, 2xMPO/f, type A, 12x LCdx, SM, OS2 G.652D	XMJ1021GB
FO cassette, 2xMPO/f, type A, 12x LCdx/APC, SM, OS2 G.652D	XMJ1031GB
FO cassette, 2xMPO/m, type A, 12x LCdx, MM, OM3	XMK1021CB
FO cassette, 2xMPO/m, type A, 12x LCdx, MM, OM4	XMK1021DB
FO cassette, 2xMPO/m, type A, 12x LCdx, MM, OM5	XMK1021HB
FO cassette, 2xMPO/m, type A, 12x LCdx, SM, OS2 G.652D	XMK1021GB
FO cassette, 2xMPO/m, type A, 12x LCdx/APC, SM, OS2 G.652D	XMK1031GB

DSH



# HD Patchpanels

## FO MPO cassette, 6/12 ports

















VARIANT	REFERENCE NO.
FO cassette, 2xMPO/f, type B, 12x LCdx, MM, OM3	XML1021CB
FO cassette, 2xMPO/f, type B, 12x LCdx, MM, OM4	XML1021DB
FO cassette, 2xMPO/f, type B, 12x LCdx, MM, OM5	XML1021HB
FO cassette, 2xMPO/f, type B, 12x LCdx, SM, OS2 G.652D	XML1021GB
FO cassette, 2xMPO/f, type B, 12x LCdx/APC, SM, OS2 G.652D	XML1031GB
FO cassette, 2xMPO/m, type B, 12x LCdx, MM, OM3	XMM1021CB
FO cassette, 2xMPO/m, type B, 12x LCdx, MM, OM4	XMM1021DB
FO cassette, 2xMPO/m, type B, 12x LCdx, MM, OM5	XMM1021HB
FO cassette, 2xMPO/m, type B, 12x LCdx, SM, OS2 G.652D	XMM1021GA
FO cassette, 2xMPO/m, type B, 12x LCdx/APC, SM, OS2 G.652D	XMM1031GA

DSH



# HD Patchpanels

## HD Patch panel accessories

VARIANT		REFERENCE NO.	DSH
	HD patch panel port blind plug, black	XBCS0	
	HD patch panel port blind plug, grey	XBCS1	
	HD holder/cassette label, black	XL00	
	HD holder/cassette label, grey	XL10	
	Integrated patchcord cable organizer for HD patch panel, 1U, red front	ORGHD1U0	
	Integrated patchcord cable organizer for HD patch panel, 1U, grey front	ORGHD1U1	
	Integrated patchcord cable organizer for HD patch panel, 1U, grey smoke front	ORGHD1U2	
	Patchcord cable organizer, 1U, red front	ORGSA1U0	



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