



ABOUT HERMESYS

Hermesys builds advanced cabling and integrated technology solutions that connect industries, infrastructure, and the future.

Founded in London, Hermesys operates across geospatial mapping, satellite communication and tracking, integrated security, cable wiring systems, and specialized industrial cable manufacturing.

With R&D centres in the USA, Singapore, and China, Hermesys develops energy-efficient and environmentally responsible cabling technologies designed for demanding environments and long-term reliability.

US

UK

CHINA

THAILAND
MALAYSIA
SINGAPORE

PHILIPPINES
VIETNAM
INDONESIA

HERMESYS CABLE & CONNECTIVITY SUB-BRANDS

Five specialized product series for telecom, data center, industrial, and infrastructure applications.

LadonX™

Fiber Optic Cable

Ethernet Cable up to Cat8

Multipair Copper Cable

ELV Power Cable

CONVENTIONAL CABLE

ChimeraX™

Fire Resistant Cable

RF Cable 50Ω / 75Ω

Industrial Data Cable

Military Cable

Subsea Cable

Solar Cable

INDUSTRIAL CABLE

HydraX™

Copper & Fiber Fittings

Optical Transceivers

AOC & High-Speed Cable

Cable Closure

Power Cable Accessories

Cable Tray

CONNECTIVITY

CetoX™

Data Center Rack

PDU

Telecom FTB / FDB

Smart Manhole

RACK & CABINET

GryphonX™

Micro Cable up to 864F

Fiber Unit, 2F to 12F

Micro Duct & Bundle Duct

Air-Blown Accessories

UPVC Pipe & Connector

AIR-BLOWN SYSTEM

FIBER CABLE ASSEMBLIES

- 05 HydraX™ Fiber Optic MPO/MTP Trunk Cable
- 07 HydraX™ Fiber Optic MMC Trunk Cable 16F
- 08 HydraX™ Fiber Optic Multi-fiber Trunk Cable
- 09 HydraX™ Fiber Optic MPO/MTP Breakout Cable
- 10 HydraX™ Fiber Optic Common Patch Cord
- 11 HydraX™ Fiber Optic Uniboot Patch Cord
- 12 HydraX™ Fiber Optic Switchable Uniboot Patch Cord
- 13 HydraX™ Fiber Optic Switchable VSFF Patch Cord
- 14 HydraX™ Fiber Optic Pigtail
- 15 HydraX™ Fiber Optic Loopback

COPPER CABLE ASSEMBLIES

- 17 HydraX™ Cat6A Unshielded Patch Cord Series
- 18 HydraX™ Cat6A Patch Cord Series
- 19 HydraX™ Cat6 Patch Cord Series
- 20 HydraX™ Cat5e Patch Cord Series
- 21 HydraX™ Cat6A Slim Patch Cord Series
- 22 HydraX™ Cat6 Slim Patch Cord Series

FIBER PATCHING ASSEMBLIES

- 24 HydraX™ Fiber Optic HD Slot Patch Panels
- 25 HydraX™ Fiber Optic Splicing Patch Panels 1U
- 26 HydraX™ Fiber Optic Splicing Patch Panels 2U/4U/6U
- 27 HydraX™ Premium HD MPO/MTP Cassette
- 28 HydraX™ HD Fixed-Type MPO/MTP Cassette
- 29 HydraX™ Fiber Optic HD MPO/MTP Cassette Drawer Type
- 30 HydraX™ Fiber Optic HD Faceplate Fixed Type
- 31 HydraX™ Fiber Optic Splicing Product Series
- 32 HydraX™ Fiber Optic Splicing Boxes
- 33 HydraX™ Fiber Optic Adapter

COPPER PATCHING ASSEMBLIES

- 35 HydraX™ Copper Patch Panels
- 36 HydraX™ Copper Keystone Modular Jack Series
- 37 HydraX™ Copper Modular Plugs
- 38 HydraX™ Cable Management
- 39 HydraX™ Copper Keystone Module Jack Faceplate Series

FIBER MANAGEMENT SYSTEM

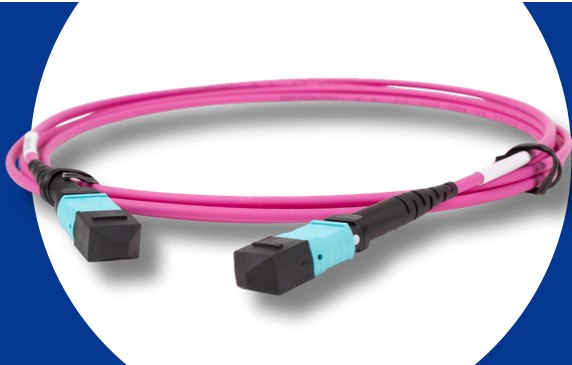
- 41 HydraX™ Fiber Management System

WIRE MESH CABLE TRAY SYSTEM

- 43 HydraX™ Wire Mesh Cable Tray System

HydraX™ Fiber Optic MPO/MTP Trunk Cable

12–144 Fibers MPO/MTP Connector



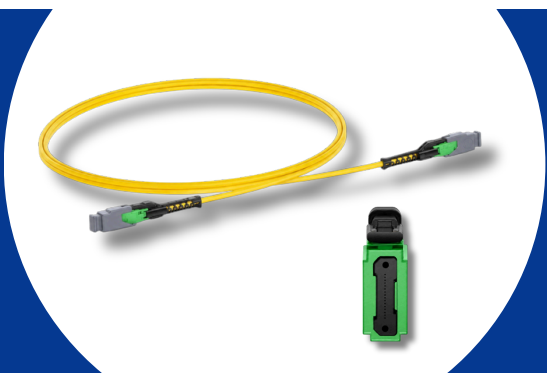
Technical Specifications							
Fiber Count	8/12F		24F	48F	72F	96F	144F
Cable OD (Approx.)	3.0mm	4.5mm	9.5mm	9.5mm	12.5mm	14.5mm	18.0mm
Connector Insertion Loss -Standard (dB)	12F: MM≤0.50, SM≤0.70		16F: MM≤0.60, SM N/A		24F: MM≤0.50, SM≤1.00		
Connector Insertion Loss - Low Loss (dB)	12F: MM≤0.25, SM≤0.25		16F: MM≤0.35, SM≤0.35		24F: MM≤0.35, SM≤0.35		
Connector Return Loss (dB)	MM≥25, SM/APC≥60						
Fanout Length [*]	500mm						
Fanout OD [*]	3.0mm						
Connector Gender [*]	Female						
Connector Color	MM: OM3 Aqua, OM4 Violet, OM5 Lime Green					SM/APC: Green	
Cable Color	MM: OM3 Aqua, OM4 Violet, OM5 Lime Green					SM: Yellow	

Note: 8/12F cable is available in 3.0 mm single-jacket and 4.5 mm double-jacket versions.

Product Configuration					
Product P/N	Outer Sheath Material [*]	Connector	Flame Retardant Rating	LSOH	Insertion Loss
MPT-a0x1yyyzzzzb	LSOH	MPO	IEC 60332-1	IEC61034-2 IEC60754-1&2	Standard Loss
MPT-a0Rx1yyyzzzzb	OFNR		UL 1666	-	
MPT-a0Px1yyyzzzzb	OFNP		NFPA 262/UL 910	-	
MPT-aA0x1yyyzzzzb	LSOH	MPO/APC	IEC 60332-1	IEC61034-2 IEC60754-1&2	
MPT-aA0Rx1yyyzzzzb	OFNR		UL 1666	-	
MPT-aA0Px1yyyzzzzb	OFNP		NFPA 262/UL 910	-	
MPTU-a0x1yyyzzzzb	LSOH	MTP	IEC 60332-1	IEC61034-2 IEC60754-1&2	
MPTU-a0Rx1yyyzzzzb	OFNR		UL 1666	-	
MPTU-a0Px1yyyzzzzb	OFNP		NFPA 262/UL 910	-	
MPTU-aA0x1yyyzzzzb	LSOH	MTP/APC	IEC 60332-1	IEC61034-2 IEC60754-1&2	
MPTU-aA0Rx1yyyzzzzb	OFNR		UL 1666	-	
MPTU-aA0Px1yyyzzzzb	OFNP		NFPA 262/UL 910	-	
a 'a' denotes connect fiber count x 'x' denotes fiber type yyy 'yyy' denotes fiber count zzzz 'zzzz' denotes length b 'b' denotes polarity [*] [*]For special requirements please contact info@hermesys.com					

HydraX™ Fiber Optic MMC Trunk Cable 16F

MMC-16/MTP-16 Connector



Technical Specifications		
Fiber Count	16F	
Cable OD (Approx.)	2.5mm	
Connector Type	MMC-16 or MTP-16	
Connector Insertion Loss	≤0.35dB	
Connector Return Loss	MM≥40dB SM/APC≥60dB	
Fanout Length [*]	500mm	
Fanout OD [*]	3.0mm	
Connector Gender [*]	Female	
Connector Color	MM: OM4 Violet SM/APC: Green	
Cable Color	MM: OM4 Violet SM: Yellow	

Product Configuration				
Product P/N	Outer Sheath Material [*]	Connector	Flame Retardant Rating	LSOH
MPM-9A0x1016zzzzB	LSOH	MMC16-MMC16	IEC 60332-1	IEC61034-2 IEC60754-1&2
MPM-9AR0x1016zzzzB	OFNR		UL 1666	-
MPM-9A0Px1016zzzzB	OFNP		NFPA 262/UL 910	-
MPM-9PA0x1016zzzzB	LSOH	MMC16-MTP16	IEC 60332-1	IEC61034-2 IEC60754-1&2
MPM-9PAR0x1016zzzzB	OFNR		UL 1666	-
MPM-9PA0Px1016zzzzB	OFNP		NFPA 262/UL 910	-
a 'a' denotes connect fiber count	x 'x' denotes fiber type	zzzz 'zzzz' denotes length	[*] [*]For special requirements please contact info@hermesys.com	

HydraX™ Fiber Optic Multi-fiber Trunk Cable

12-144 Fibers LC/SC Connector



Technical Specifications						
Fiber Count	12	24	48	72	96	144
Cable OD (Approx.)	4.8mm	4.8mm	9.5mm	12.5mm	14.5mm	18.0mm
Connector Insertion Loss	MM: OM3≤0.25dB, OM4≤0.15dB SM: ≤0.35dB					
Connector Return Loss	MM≥30dB, SM/UPC≥55dB, SM/APC≥65dB					
Fanout Length [*]	500mm					
Fanout OD [*]	2.0mm					
Connector Color	MM: OM3 Aqua, OM4 Violet, OM5 Lime Green SM/UPC: Blue; SM/APC: Green					
Cable Color	MM: OM3 Aqua, OM4 Violet, OM5 Lime Green; SM: Yellow					
Cable Outer Sheath Material [*]	LSOH					

Product Configuration				
Product P/N	Outer Sheath Material [*]	Connector	Flame Retardant Rating	LSOH
PC-FTx112yyyzzzz	LSOH	LC	IEC 60332-1	IEC61034-2 IEC60754-1&2
PC-FTx11A2yyyzzzz		LC/APC		
PC-FTx002yyyzzzz		SC		
PC-FTx00A2yyyzzzz		SC/APC		

x

'x' denotes fiber type

yyy

'yyy' denotes fiber count

zzzz

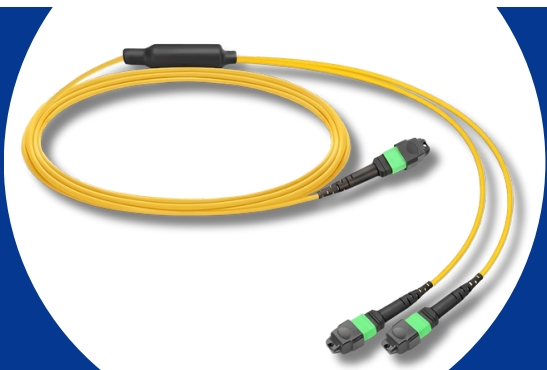
'zzzz' denotes length

[*]

[*]For special requirements please contact info@hermesys.com

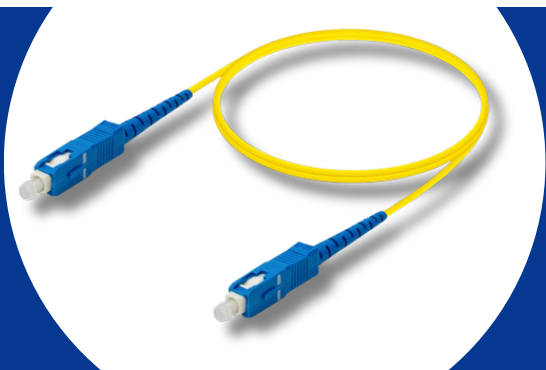
HydraX™ Fiber Optic MPO/MTP
Breakout Cable

12-144 Fibers
MPO/MTP to LC/SC Connector



HydraX™ Fiber Optic Common
Patch Cord

Simplex or Duplex LC/SC/ST



Technical Specifications						
Fiber Count	12	24	48	72	96	144
Cable OD (Approx.)	4.8mm	4.8mm	9.5mm	12.5mm	14.5mm	18.0mm
Connector Insertion Loss (LC/SC)	MM: OM3≤0.25dB, OM4≤0.15dB SM: ≤0.35dB					
Connector Return Loss (LC/SC)	MM≥30dB, SM/UPC≥55dB, SM/APC≥65dB					
Insertion Loss-Standard (MPO/MTP)	12F: MM≤0.50dB,SM≤0.70dB	16F: MM≤0.60dB, SM N/A			24F: MM≤0.50dB, SM≤1.00dB	
Insertion Loss- Low Loss (MPO/MTP)	12F: MM≤0.25dB,SM≤0.25dB	16F: MM≤0.35dB, SM≤0.35dB			24F: MM≤0.35dB, SM≤0.35dB	
Connector Return Loss	MM≥25dB, SM/APC≥60dB					
Fanout Length [*]	500mm					
Fanout OD (MPO/MTP) [*]	3.0mm					
Fanout OD (LC/SC) [*]	2.0mm					
Connector Color	MM: OM3 Aqua, OM4 Violet, OM5 Lime Green SM/UPC: Blue (LC/SC) SM/APC: Green					
Cable Color	MM: OM3 Aqua, OM4 Violet, OM5 Lime Green SM: Yellow					
Cable Outer Sheath Material [*]	LSOH					

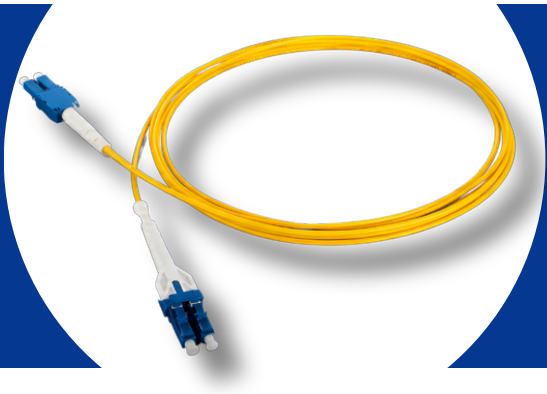
Product Configuration				
Product P/N	Outer Sheath Material [*]	Connector	Flame Retardant Rating	LSOH
MPT-a0x2yyyzzzzb	LSOH	MPO-LC/SC/MPO	IEC 60332-1	IEC61034-2 IEC60754-1&2
MPT-aA0x2yyyzzzzb		MPO/APC-LC/SC/MPO		
MPTU-a0x2yyyzzzzb		MTP-LC/SC/MPO		
MPTU-aA0x2yyyzzzzb		MTP/APC-LC/SC/MTP		
a 'a' denotes connect fiber count & connector type	x 'x' denotes fiber type	yy 'yy' denotes connector type		
zzzz 'zzzz' denotes length	b 'b' denotes polarity	[*] [*]For special requirements please contact info@hermesys.com		

Technical Specifications	
Cable OD (Approx.)	2.0/3.0mm
Connector Insertion Loss (LC/SC/ST)	MM: OM3≤0.25dB, OM4≤0.15dB SM: ≤0.35dB
Connector Return Loss (LC/SC/ST)	MM≥30dB, SM/UPC≥55dB, SM/APC≥65dB
Connector Color	MM: OM3 Aqua, OM4 Violet, OM5 Lime Green SM/UPC: Blue (LC/SC) SM/APC: Green
Cable Color	MM: OM3 Aqua, OM4 Violet, OM5 Lime Green SM: Yellow
Cable Outer Sheath Material [*]	LSOH

Product Configuration				
Product P/N	Outer Sheath Material [*]	Connector	Flame Retardant Rating	LSOH
PC-Faxy2zzz	LSOH	UPC	IEC 60332-1	IEC61034-2 IEC60754-1&2
PC-FaxyA2zzz		APC		
PC-FaxyAy2zzz		One end APC		
a 'a' denotes simplex or duplex	x 'x' denotes fiber type	yy 'yy' denotes connector type	zzz 'zzz' denotes length	[*] [*]For special requirements please contact info@hermesys.com

HydraX™ Fiber Optic Uniboot Patch Cord

Duplex LC Connector

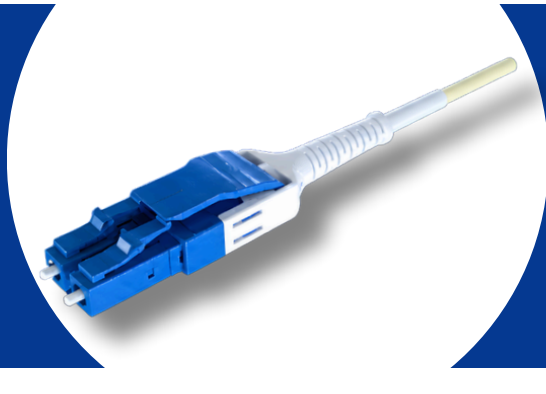


Technical Specifications	
Cable OD (Approx.)	2.0mm
Connector Insertion Loss	MM: OM3≤0.25dB, OM4≤0.15dB SM: ≤0.35dB
Connector Return Loss	MM≥30dB, SM/UPC≥55dB, SM/APC≥65dB
Connector Color	MM: OM3 Aqua, OM4 Violet, OM5 Lime Green SM/UPC: Blue SM/APC: Green
Cable Color	MM: OM3 Aqua, OM4 Violet, OM5 Lime Green SM: Yellow
Cable Outer Sheath Material [*]	LSOH

Product Configuration					
Product P/N	Outer Sheath Material [*]	Connector End Face	Flame Retardant Rating	LSOH	Remark
PC-FHDxyy2zzz	LSOH	UPC	IEC 60332-1	IEC61034-2 IEC60754-1&2	Pull-Push
PC-FHDxyyA2zzz		APC			
PC-FHDxyy2zzzBronze		UPC			Without Boot
PC-FHDxyyA2zzzBronze		APC			
x 'x' denotes fiber type	yy 'yy' denotes connector type	zzz 'zzz' denotes length	[*] [*]For special requirements please contact info@hermesys.com		

HydraX™ Fiber Optic Switchable Uniboot Patch Cord

Duplex LC Connector

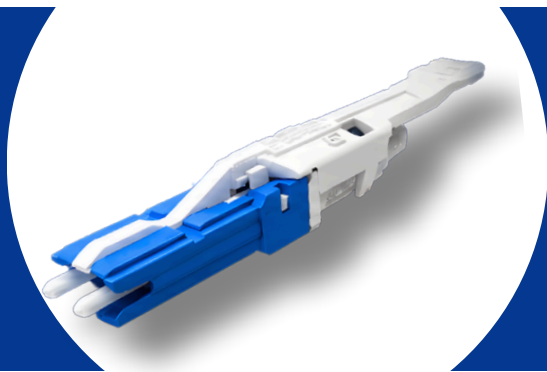


Technical Specifications	
Cable OD (Approx.)	2.0mm
Connector Insertion Loss	MM: OM3≤0.25dB, OM4≤0.15dB SM: ≤0.35dB
Connector Return Loss	MM≥30dB, SM/UPC≥55dB, SM/APC≥65dB
Connector Color	MM: OM3 Aqua, OM4 Violet, OM5 Lime Green SM/UPC: Blue SM/APC: Green
Cable Color	MM: OM3 Aqua, OM4 Violet, OM5 Lime Green SM: Yellow
Cable Outer Sheath Material [*]	LSOH

Product Configuration				
Product P/N	Outer Sheath Material [*]	Connector End Face	LSOH	Remark
PC-FHDWxyy2zzz	LSOH	UPC	IEC61034-2 IEC60754-1&2	Pull-Push
PC-FHDWxyyA2zzz		APC		
x 'x' denotes fiber type yyy 'yyy' denotes fiber count zzzz 'zzzz' denotes length [*] [*]For special requirements please contact info@hermesys.com				

HydraX™ Fiber Optic Switchable VSFF Patch Cord

CS Connector



Technical Specifications

Cable OD (Approx.)	2.0mm
Connector Insertion Loss	MM: ≤0.15dB SM: UPC≤0.20dB, APC≤0.25dB
Connector Return Loss	MM≥25dB, SM/UPC≥55dB, SM/APC≥65dB
Connector Color	MM: OM3 Aqua, OM4 Violet, OM5 Lime Green SM/UPC: Blue SM/APC: Green
Cable Color	MM: OM3 Aqua, OM4 Violet, OM5 Lime Green SM: Yellow
Cable Outer Sheath Material [*]	LSOH

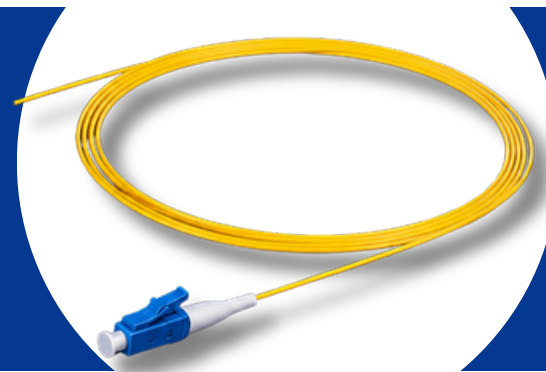
Product Configuration

Product P/N	Outer Sheath Material [*]	Connector End Face	Flame Retardant Rating	LSOH	Remark
PC-FDx662zzz	LSOH	UPC	IEC 60332-1	IEC61034-2 IEC60754-1&2	Pull-Push
PC-FDx66A2zzz		APC			

(x) 'x' denotes fiber type (zzz) 'zzz' denotes length [*] For special requirements please contact info@hermesys.com

HydraX™ Fiber Optic Pigtail

Simplex LC/SC/ST



Technical Specifications

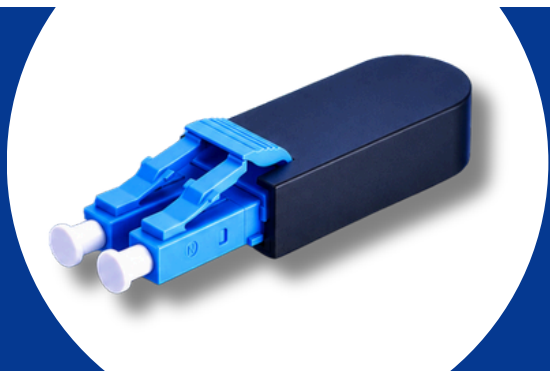
Cable OD (Approx.)	0.9mm
Connector Insertion Loss	MM: OM3≤0.25dB, OM4≤0.15dB SM: ≤0.35dB
Connector Return Loss	MM≥30dB, SM/UPC≥55dB, SM/APC≥65dB
Connector Color	MM: OM3 Aqua, OM4 Violet, OM5 Lime Green SM/UPC: Blue SM/APC: Green
Cable Color	MM: OM3 Aqua, OM4 Violet, OM5 Lime Green SM: Yellow
Cable Outer Sheath Material [*]	LSOH

Product Configuration

Product P/N	Outer Sheath Material [*]	Connector End Face	Flame Retardant Rating	LSOH	Remark
PC-FSxy2zzz	LSOH	UPC	IEC 60332-1	IEC61034-2 IEC60754-1&2	Pull-Push
PC-FSxyA2zzz		APC			

(x) 'x' denotes fiber type (yy) 'yy' denotes connector type (zzz) 'zzz' denotes length [*] For special requirements please contact info@hermesys.com

HydraX™ Fiber Optic Loopback
MPO/LC

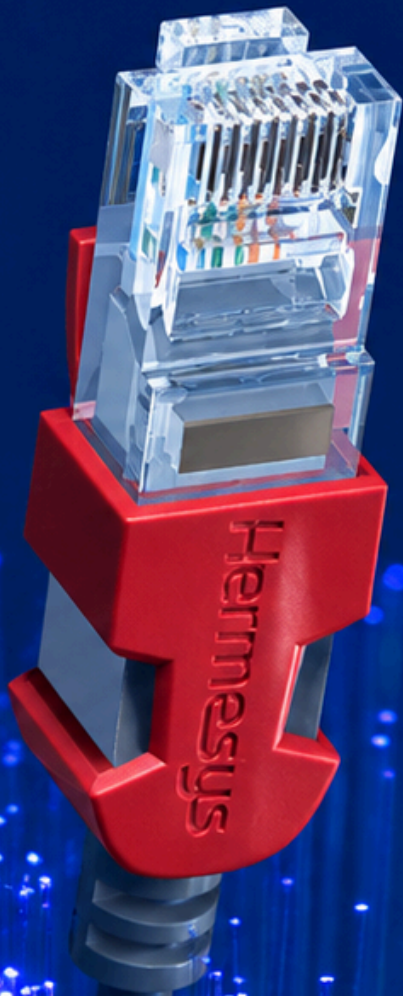


Technical Specifications	
Cable OD (Approx.)	2.0mm
Connector Insertion Loss (LC)	MM: ≤0.30dB SM: ≤0.30dB
Connector Return Loss (LC)	MM≥20dB, SM/UPC≥50dB, SM/APC≥55dB
Connector Insertion Loss (MPO/MTP)	MM: ≤1.2dB SM: ≤1.5dB
Connector Return Loss	MM≥25dB, SM/UPC≥50dB, SM/APC≥55dB
Connector Color	MM: OM3 Aqua, OM4 Violet, OM5 Lime Green SM/UPC: Blue SM/APC: Green
Cable Color	MM: OM3 Aqua, OM4 Violet, OM5 Lime Green SM: Yellow
Cable Outer Sheath Material [*]	PVC

Product Configuration				
Product P/N	Outer Sheath Material [*]	Connector End Face	Flame Retardant Rating	Shell
FLB-xy1	PVC	UPC	IEC 60332-1	Without
FLB-xy1S		APC		With
x 'x' denotes fiber type y 'y' denotes connector type [*] [*]For special requirements please contact info@hermesys.com				

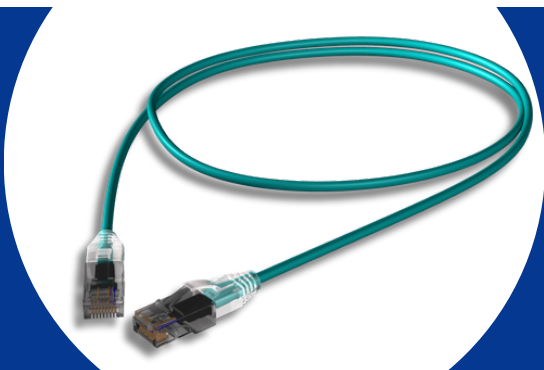
HydraX™ Copper Patch Cord Series

RJ45 copper patch cord series covering Cat5e, Cat6 and Cat6A options, with shielded, unshielded and slim cable designs for structured cabling and network connection applications.



HydraX™ Cat6A Patch Cord Series

Unshielded RJ45 Patch Cords

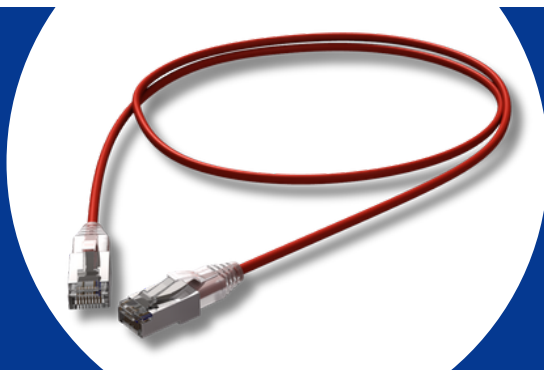


Technical Specifications		
Conductor	24AWG Annealed Stranded Bare Copper	
Shielded Type	U/UTP	
Cable OD (Approx.)	6.2mm	
Cable Color [*]	Blue	
Cable Outer Sheath Material [*]	LSOH	
Performance	Component Level 1m-10m	Channel Level 0.15m-1m;10m-20m
Frequency Max.	500MHz	

Product Configuration				
Product P/N	Outer Sheath Material [*]	Outer Sheath Color Code [*]	Flame Retardant Rating	LSOH
PC-C006AC2yyy-BL	LSOH	Blue	IEC 60332-1	IEC61034-2 IEC60754-1&2
yyy 'yyy' denotes length [*] For special requirements please contact info@hermesys.com				

HydraX™ Cat6A Patch Cord Series

Shielded RJ45 Patch Cords



Technical Specifications			
Conductor	26AWG Annealed Stranded Bare Copper		
Shielded Type	F/UTP	U/FTP	S/FTP
Pair Shielding	-	Al-Mylar Foil	Al-Mylar Foil
Overall Shielding	Al-Mylar Foil	-	Tinned Copper Wire Braiding
Cable OD (Approx.)	6.0mm	5.8mm	6.5mm
Cable Color [*]	Blue		
Cable Outer Sheath Material [*]	LSOH		
Performance	Component Level 1m-10m		Channel Level 0.15m-1m;10m-60m
Frequency Max.	500MHz		

Product Configuration					
Product P/N	Outer Sheath Material [*]	Outer Sheath Color Code [*]	Flame Retardant Rating	LSOH	Shielded Type
PC-C106AC2yyy-BL	LSOH	Blue	IEC 60332-1	IEC61034-2 IEC60754-1&2	F/UTP
PC-C016AC2yyy-BL					U/FTP
PC-C216AC2yyy-BL					S/FTP
yyy 'yyy' denotes length [*] [*]For special requirements please contact info@hermesys.com					

HydraX™ Cat6 Patch Cord Series
RJ45 U/UTP and F/UTP Cable Patch Cords



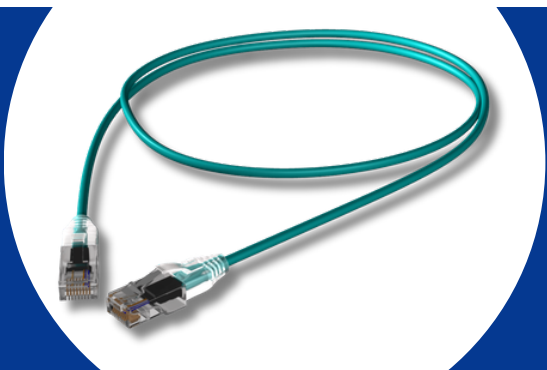
Technical Specifications & Ordering Information		
Item	Unshielded Cat6 Patch Cord	Shielded Cat6 Patch Cord
Shielded Type	U/UTP	F/UTP
Overall Shielding	N/A	Al-Mylar Foil
Conductor	24AWG Annealed Stranded Bare Copper	26AWG Annealed Stranded Bare Copper
Cable OD Approx.	5.2mm	6.0mm
Cable Color [*]	Grey	
Outer Sheath Material [*]	LSOH	
Performance	Component Level 1m–10m / Channel Level 0.15m–1m; 10m–30m	
Frequency Max.	250MHz	
Flame Retardant Rating	IEC 60332-1	
LSOH	IEC 61034-2 / IEC 60754-1 & 2	
Product P/N	PC-C006C2yyy-GY	PC-C106C2yyy-GY
 'yyy' denotes length  [*]For special requirements please contact info@hermesys.com		

HydraX™ Cat5e Patch Cord Series
RJ45 U/UTP and F/UTP Cable Patch Cords



Technical Specifications & Ordering Information		
Item	Unshielded Cat5e Patch Cord	Shielded Cat5e Patch Cord
Shielded Type	U/UTP	F/UTP
Overall Shielding	N/A	Al-Mylar Foil
Conductor	24AWG Annealed Stranded Bare Copper	26AWG Annealed Stranded Bare Copper
Cable OD Approx.	5.2mm	5.5mm
Cable Color [*]	Grey	
Outer Sheath Material [*]	PVC	
Performance	Component Level 1m–10m / Channel Level 0.15m–1m; 10m–30m	
Frequency Max.	100MHz	
Flame Retardant Rating	IEC 60332-1	
Product P/N	PC-C005eC1yyy-GY	PC-C105eC1yyy-GY
 'yyy' denotes length  [*]For special requirements please contact info@hermesys.com		

HydraX™ Cat6A Slim Patch Cord Series
RJ45 U/UTP and S/FTP Cable Assemblies



Technical Specifications & Ordering Information

Item	Unshielded Cat6A Slim Patch Cord	Shielded Cat6A Slim Patch Cord
Shielded Type	U/UTP	S/FTP
Pair Shielding	N/A	Al-Mylar Foil
Overall Shielding	N/A	Tinned Copper Wire Braiding
Conductor	28AWG Annealed Stranded Bare Copper	30AWG Annealed Stranded Bare Copper
Cable OD Approx.	3.8mm	4.5mm
Cable Color [*]	Blue	
Outer Sheath Material [*]	LSOH	
Performance	Component Level 1m–10m	Component Level 1m–10m
	Channel Level 0.2m–1m; 10m–15m	Channel Level 0.15m–1m; 10m–20m
Frequency Max.	500MHz	
Flame Retardant Rating	IEC 60332-1	
LSOH	IEC 61034-2 / IEC 60754-1 & 2	
Product P/N	PC-C006AR2yyy-BL	PC-C216ASR2yyy-BL

 'yyy' denotes length

 [*]For special requirements please contact info@hermesys.com

HydraX™ Cat6 Slim Patch Cord Series
RJ45 U/UTP and S/FTP Cable Assemblies



Technical Specifications & Ordering Information

Item	Unshielded Cat6 Slim Patch Cord	Shielded Cat6 Slim Patch Cord
Shielded Type	U/UTP	S/FTP
Pair Shielding	N/A	Al-Mylar Foil
Overall Shielding	N/A	Tinned Copper Wire Braiding
Conductor	28AWG Annealed Stranded Bare Copper	30AWG Annealed Stranded Bare Copper
Cable OD Approx.	3.8mm	4.5mm
Cable Color [*]	Grey	Blue
Outer Sheath Material [*]	LSOH	
Performance	Component Level 1m–10m	Component Level 1m–10m
	Channel Level 0.5m–1m; 10m–15m	Channel Level 0.15m–1m; 10m–20m
Frequency Max.	250MHz	
Flame Retardant Rating	IEC 60332-1	
LSOH	IEC 61034-2 / IEC 60754-1 & 2	
Product P/N	PC-C006R2yyy-GY	PC-C216SR2yyy-BL

 'yyy' denotes length

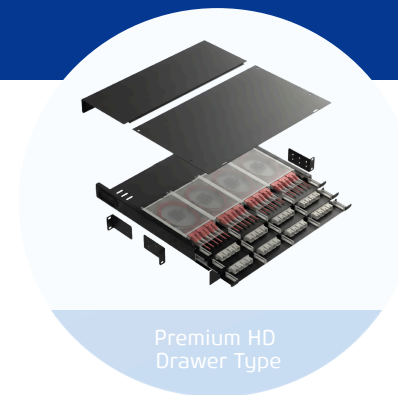
 [*]For special requirements please contact info@hermesys.com

HydraX™ Fiber Optic HD Slot Patch Panels

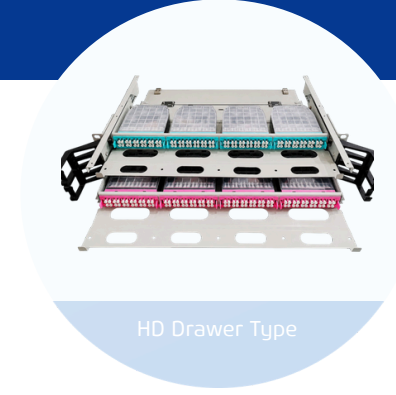
Drawer and Fixed-Type Patch Panel Solutions for High-Density Fiber Management

Fiber Patching Assemblies

Fiber patching assemblies for fiber termination, splicing, adapter connection, and high-density fiber management.



Premium HD
Drawer Type



HD Drawer Type



HD Fixed Type

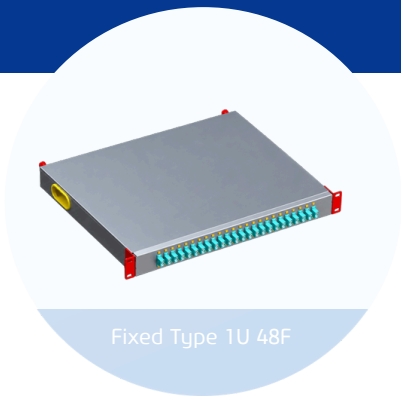
Technical Specifications & Ordering Information

Series / Type	Panel Height	Slot Count	Fiber Count Max.	Material	Color[*]	Product P/N
Premium HD Drawer Type	1U	12	LC Duplex: 144F MPO-12: 864F	SPCC	Black	PP-F161012000-JW
	4U	48	LC Duplex: 576F MPO-12: 3456F	SPCC	Black	PP-F164048000-JW
HD Drawer Type	1U	4	LC Duplex: 96F	SPCC	Grey	PP-F161004000-W
	2U	8	LC Duplex: 192F	SPCC	Grey	PP-F162008000-W
	4U	12	LC Duplex: 288F	SPCC	Grey	PP-F164012000-W
HD Fixed Type	1U	4	LC Duplex: 96F	AL	Black	PP-F161004102-JW

[*] For special requirements please contact info@hermesys.com

HydraX™ Fiber Optic Splicing Patch Panels

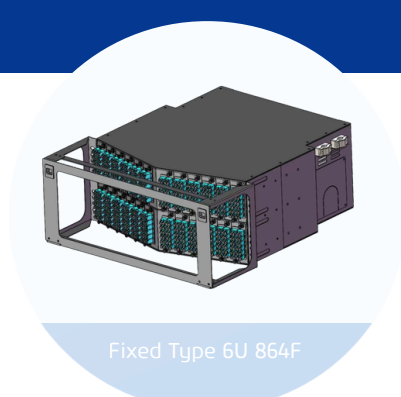
Fixed and Drawer-Type Patch Panel 1U
for High-Density Fiber Management



Technical Specifications & Ordering Information			
Specification	Fixed Type 1U 48F	Drawer Type 1U 48F	Fixed Type 1U 144F
Panel Height	1U		
Ports Count	24	24	72
Fiber Count Max.	LC Duplex: 48F	LC Duplex: 48F	LC Duplex: 144F
Material	AL	SPCC	SPCC
Color[*]	Black		
Product P/N	PP-F01D1024102-JW	PP-F01D1024000-JW	PP-F01D1072100-W
[*] For special requirements please contact info@hermesys.com			

HydraX™ Fiber Optic Splicing Patch Panels

Fixed and Drawer-Type Patch Panel 2U/4U/6U
for High-Density Fiber Management



Technical Specifications & Ordering Information			
Specification	Drawer Type 2U 192F	Fixed Type 4U 288F	Fixed Type 6U 864F
Panel Height	2U	4U	6U
Ports Count	48	144	432
Fiber Count Max.	LC Quad: 192F	LC Duplex: 288F	LC Duplex: 864F
Material	SPCC		
Color[*]	Black		
Product P/N	PP-F01Q2048000-W	PP-F01D4144100-W	PP-F01D6A432300-W
[*] For special requirements please contact info@hermesys.com			

HydraX™ Premium HD
MPO/MTP Cassette

Supports pre-terminated or splicing applications for flexible fiber deployment.



HydraX™ HD Fixed-Type
MPO/MTP Cassette

Aluminium alloy housing for durable and stable fiber cassette installation.



Technical Specifications				
Front Adapter Type [*]	LC Duplex		MPO-12	
Rear Adapter Type	MPO-12		N/A	
Port Count	6			
Fiber Count Max.	12F		72F	
Insertion Loss (Standard Loss)	MM: ≤0.50dB SM: ≤0.75dB		MM: ≤0.45dB SM: ≤0.50dB	
Insertion Loss (Low Loss)	MM: ≤0.35dB SM: ≤0.50dB		MM: ≤0.25dB SM: ≤0.25dB	
Return Loss	MM≥25, SM/UPC≥50, SM/APC≥60		MM≥25, SM/APC≥60	
Material	ABS			
Color [*]	Transparent			

Technical Specifications			
Front Adapter Type [*]	LC Duplex		
Rear Adapter Type	MPO		
Port Count	12		
Fiber Count Max.	24F		
Insertion Loss (Standard Loss)	MM: ≤0.50dB SM: ≤0.75dB		
Insertion Loss (Low Loss)	MM: ≤0.35dB SM: ≤0.50dB		
Return Loss	MM≥25, SM/UPC≥50, SM/APC≥60		
Material	AL		
Color [*]	Black		

Product Configuration			
Product P/N	Connector	Fiber Count	Pre-terminated or Splicing
CA-1a1012xbH	MPO-LC Duplex	12	Pre-terminated
CA-1a0012xbH	MTP-LC Duplex		
CA-4aNN72xH	MPO Adapter	72	
CA-6aNN72xH	MTP Adapter		
CA-1aNN12xH	LC Duplex Adapter	12	Splicing with adapter
a 'a' denotes UPC/APC	x 'x' denotes fiber type	b 'b' denotes polarity	[*] [*]For special requirements please contact info@hermesys.com

a

'a' denotes UPC/APC

x

'x' denotes fiber type

b

'b' denotes polarity

[*]

[*]For special requirements please contact info@hermesys.com

Product Configuration			
Product P/N	Connector	Fiber Count	Pre-terminated or Splicing
CA-1a1024xb	MPO-LC Duplex	24	Pre-terminated
CA-1a0024xb	MTP-LC Duplex		
a	x	b	[*]

a

'a' denotes UPC/APC

x

'x' denotes fiber type

b

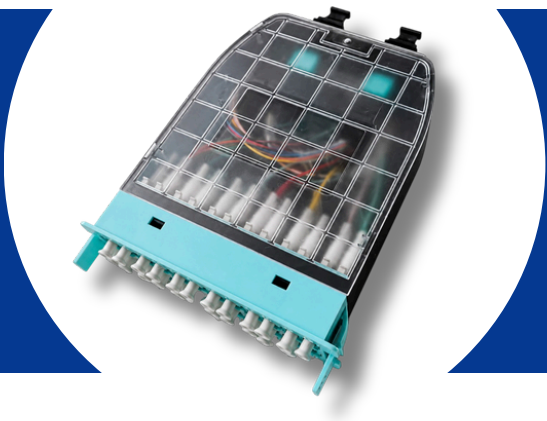
'b' denotes polarity

[*]

[*]For special requirements please contact info@hermesys.com

*HydraX™ Fiber Optic HD MPO/MTP
Cassette Drawer Type*

Pre-terminated or Splicing

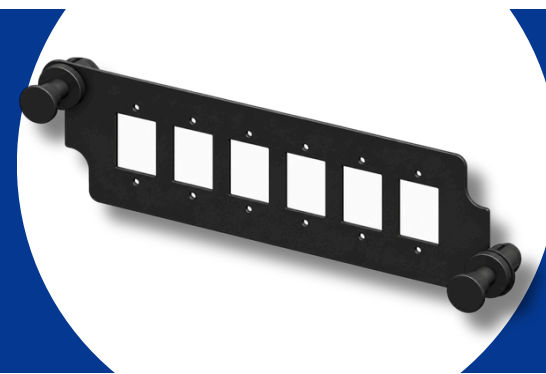


Technical Specifications	
Front Adapter Type [*]	LC Duplex
Rear Adapter Type	MPO
Port Count	12
Fiber Count Max.	24F
Insertion Loss (Standard Loss)	MM: ≤0.50dB SM: ≤0.75dB
Insertion Loss (Low Loss)	MM: ≤0.35dB SM: ≤0.50dB
Return Loss	MM≥25, SM/UPC≥50, SM/APC≥60
Material	ABS
Color [*]	Transparent

Product Configuration			
Product P/N	Connector	Fiber Count	Pre-terminated or Splicing
CA-1a1024xb-W	MPO-LC Duplex	24	Pre-terminated
CA-1a0024xb-W	MTP-LC Duplex		
CA-1aNN24bF-W	LC Duplex Adapter	12	Splicing with adapter
 'a' denotes UPC/APC  'x' denotes fiber type  'b' denotes polarity  [*]For special requirements please contact info@hermesys.com			

*HydraX™ Fiber Optic HD
Faceplate Fixed Type*

Aluminium alloy material Empty



Technical Specifications					
Front Adapter Type [*]	LC Duplex	LC Quad	SC Simplex	ST	FC
Port Count Max.	12	6	12	6	6
Fiber Count Max.	24F	24F	12F	6F	6F
Material	AL				
Color [*]	Black				

Product Configuration			
Product P/N	Connector	Fiber Count	Panel Type
FP-FP0120	SC Simplex	12	Empty
FP-FP0121D	LC Duplex	12	
FP-FP062	ST	6	
FP-FP063	FC	6	
FP-FP008	-	-	Blank plate
 [*]For special requirements please contact info@hermesys.com			

HydraX™ Fiber Optic Splicing Product Series

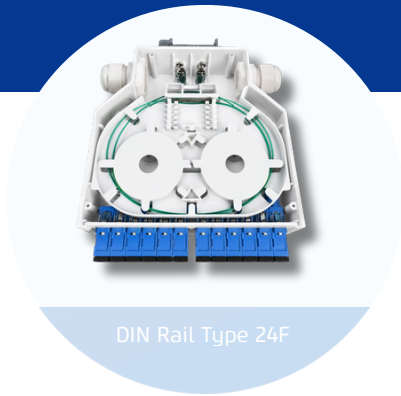
Compact and high-capacity splicing solutions for indoor rack installation and outdoor fiber network protection.



Technical Specifications & Ordering Information				
Item	EHD Faceplate Fixed Type	EHD Slot Frame 1U 96F	Dome Closure 1728F	Inline Closure 240F
Application	Economical	Economical	Outdoor Use, IP68	Outdoor Use, IP68
Adapter Type	LC Duplex	-	-	-
Panel Height	-	1U	-	-
Ports Count Max.	12	-	144	6
Slots Count	-	4	-	-
Fiber Count Max.	LC Duplex: 24F	LC Duplex: 96F	12F Ribbon: 1728F	240F
			Normal Fiber: 576F	
Splice Tray Max.	-	-	LC Duplex: 288F	10
Material	SPCC	SPCC	SPCC	PP
Color	Black			
Product P/N	FP-FP10121DSEM	PP-F21D1004400-X	CLS-10172810N	CS-FS0120H033
			CLS-1057620N	
[*]For special requirements please contact info@hermesys.com				

HydraX™ Fiber Optic Splicing Boxes

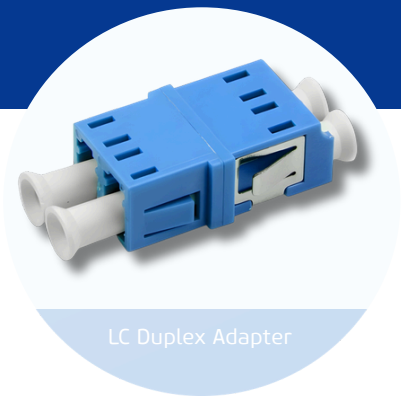
DIN Rail & Desktop Fiber Termination



Technical Specifications & Ordering Information			
Specification	DIN Rail Type 48F	DIN Rail Type 24F	Desktop Type 8F
Fiber Count Max.	48F	24F	8F
Adapter	LC Quad	LC Duplex	LC Duplex
Splice Tray Max.	2	N/A	N/A
Material	AL	ABS	ABS
Color[*]	Grey	White	White
Product P/N	FXB-1304812110	FXB-130122111	FTB-108000D1
[*] For special requirements please contact info@hermesys.com			

HydraX™ Fiber Optic Adapter

Supports stable fiber connection with minimal signal loss.



Technical Specifications

Adapter Type [*]	LC	SC	ST	FC	MPO
	Simplex/ Duplex/ Quad	Simplex / Duplex	Simplex	Simplex	Simplex
Insertion Loss	MM: ≤0.20 dB	MM: ≤0.20 dB	MM: ≤0.20 dB	MM: ≤0.20 dB	MM: ≤0.25 dB SM: ≤0.35 dB
Color [*]	SM: Blue SM/APC: Green OM1/OM2: Beige OM3: Aqua OM4: Violet				

Product Configuration

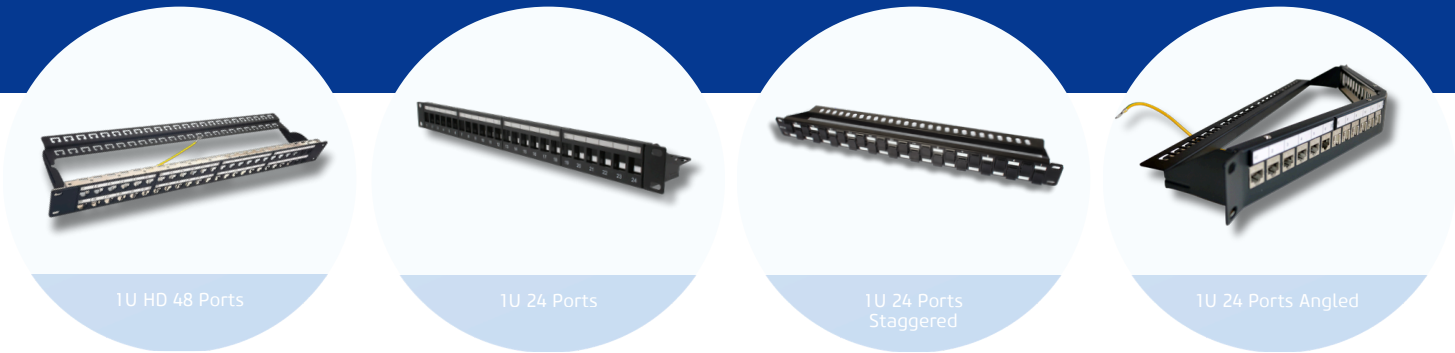
Product P/N	AD-zyax
a 'a' denotes UPC/APC x 'x' denotes fiber type y 'y' denotes connector z 'z' denotes Simplex/Duplex	
[*] [*]For special requirements please contact info@hermesys.com	

Copper Connectivity & Patching Assemblies

Copper patching components for structured cabling, covering termination, connection, and cable management.

HydraX™ Copper Patch Panels

1U Unloaded RJ45 Keystone Patch Panel Series



Technical Specifications & Ordering Information				
Specification	1U HD 48 Ports	1U 24 Ports	1U 24 Ports Staggered	1U 24 Ports Angled
Panel Height	1U			
Ports Count	48	24	24	24
Structure Type	High Density	Standard	Staggered	Angled
Keystone Type	RJ45 Keystone			
Shielding Type	Shielded	Unshielded	Unshielded	Unshielded
		Shielded		Shielded
Material	SPCC			
Color[*]	Black			
Product P/N	PP-CSB148100-M	PP-CUB124100-PP	PP-CUB124100-C	PP-CUBA124100-VP
		PP-CSB124100-PP		PP-CSBA124100-VP
[*] For special requirements please contact info@hermesys.com				

HydraX™ Copper Keystone Modular Jack Series

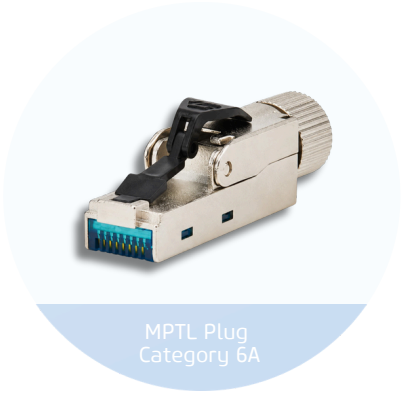
RJ45 Keystone Type Tool-free 180° termination



Technical Specifications & Ordering Information			
Category	Cat.6A	Cat.6	Cat.5e
Shielding Type	Unshielded		
	Shielded		
Material	PC		
	Zinc Alloy		
Color [*]	Black[*]		
	Metallic		
Frequency Max.	500MHz	250MHz	100MHz
Product P/N	KJ-6A011-BK	KJ-6011-BK	KJ-5e011-BK
	KJ-6A111-ZN	KJ-6111-ZN	KJ-5e111-ZN
[*] For special requirements please contact info@hermesys.com			

HydraX™ Copper Modular Plugs

Category 6 Modular Crimp Plug /
Category 6A MPTL Field Termination Plug



Technical Specifications & Ordering Information

Item	MPTL Plug Category 6A	Modular Crimp Plug Category 6
Connector Type	RJ45 Connector	RJ45 Connector
Installation	Tool-free	Crimp type
PoE Compliance	PoE+ and 4PPoE Compliant	-
Frequency Max.	500 MHz	250 MHz
Shielding Option	Unshielded / Shielded	Unshielded / Shielded
Unshielded Material	PC	PC
Shielded Material	Zinc Alloy	PC with Zinc Alloy
Unshielded Color	Black	Transparent
Shielded Color	Metallic	Transparent with Metallic
Unshielded Product P/N	MCT-00336A-BK	PG-160
Shielded Product P/N	MCT-01336A-ZN	PG-161

[*] For special requirements please contact info@hermesys.com

HydraX™ Cable Management

1U/2U Cable Management Panels for
Structured Cabling



Technical Specifications

Height	1U	1U	1U	2U
Material	PC	Metal		
Protection	PC Cover	Metal Cover	Metal Rings	Metal Rings
Color	Black			

Product Configuration

Product P/N	CM-101166	CM-100062	CM-100006	CM-20006B
-------------	-----------	-----------	-----------	-----------

HydraX™ Copper Keystone Module Jack Faceplate Series

UK Type 86×86mm faceplate with white ABS housing in flat or angled design.



Technical Specifications & Ordering Information			
Type	Port	Product P/N - Angled	Product P/N - Flat
Insert Module Type	1	FP-CU415-WH	FP-CU315-WH
	2	FP-CU425-WH	FP-CU325-WH
Insert Module Type Frame	-	FP-CU000-WH	FP-CU000-WH
One-piece Type	1	FP-CU215-WH	FP-CU115-WH
	2	FP-CU225-WH	FP-CU125-WH

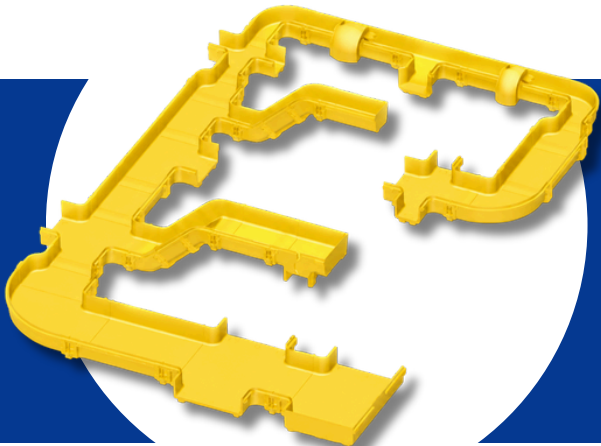


Cable Routing & Fiber Management System

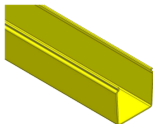
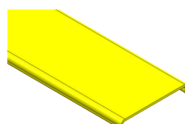
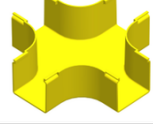
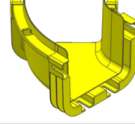
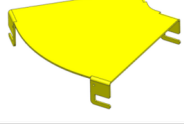
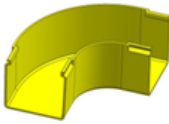
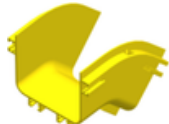
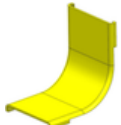
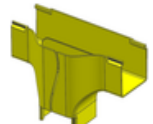
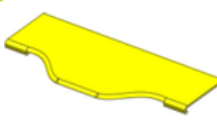
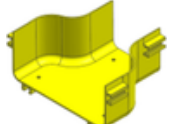
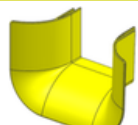
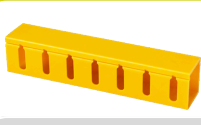
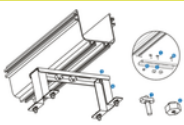
Structured solution for organized fiber and cable routing, combining fiber management accessories with wire mesh cable tray structures for clean, scalable deployment.

HydraX™ Fiber Management System

Modular fiber routing system with multiple width options, standard 2000mm length, and PVC/ABS construction for organized cable pathway management.

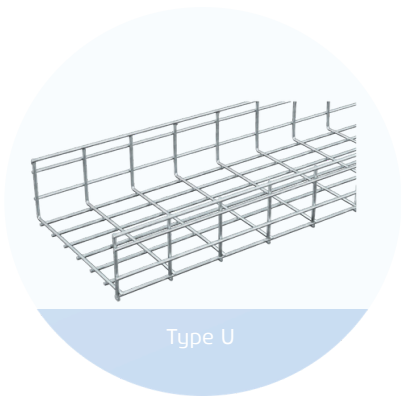
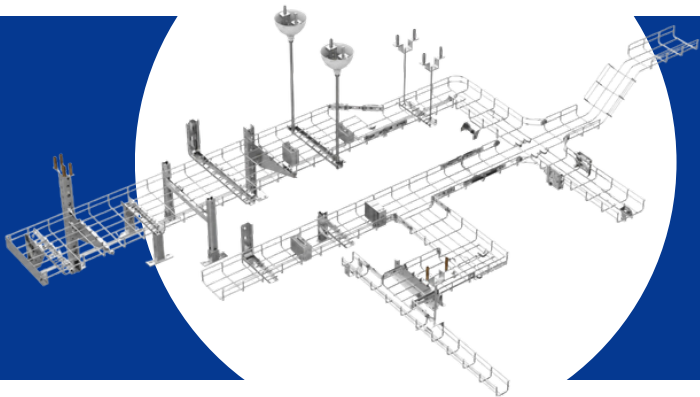


Technical Specifications			
Dimension	Width	Height	Length
60 Series	60mm	60mm	2000mm
120 Series	120mm	100mm	
150 Series	150mm	100mm	
240 Series	240mm	100mm	
300 Series	300mm	100mm	
360 Series	360mm	100mm	
600 Series	600mm	100mm	
Material	PVC/ABS		
Color	Yellow		

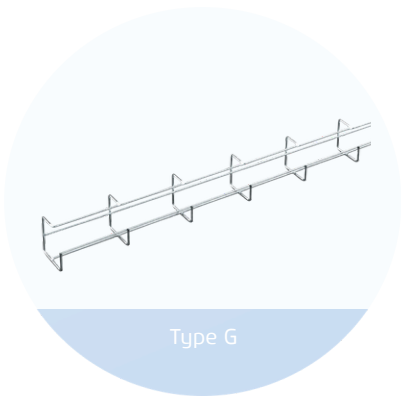
Product List				
 Straight Section	 Straight Section Cover	 Connector A	 Connector B Kit	 Horizontal Tee
 Horizontal Tee Cover	 Horizontal Cross	 Horizontal Cross Cover	 Horizontal 45° Elbow	 Horizontal 45° Elbow Cover
 Horizontal 90° Elbow	 Horizontal 90° Elbow Cover	 45° Down Elbow	 45° Down Elbow Cover	 90° Down Elbow
 90° Down Elbow Cover	 45° Up Elbow	 45° Up Elbow Cover	 90° Up Elbow	 90° Up Elbow Cover
 End Cap Kit	 Vertical Tee	 Vertical Tee Cover	 Adapter	 Adapter Cover
 Trumpet Exit	 Movable Exit	 Movable Exit Cover	 Vertical Slotted Straight Section with cover	 Accessories

HydraX™ Wire Mesh Cable Tray System

Modular wire mesh cable tray for organized cable routing, support, and protection in data center, commercial, and industrial installations.



Type U

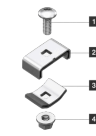


Type G

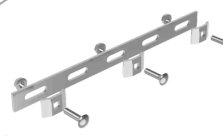
Technical Specifications

Type	Series	Height	Width Options (mm)	Length	Material	Wire Diameter	Color
Type U	30 Series	30mm	100 / 150 / 200 / 300	3000mm	EZ / PC / 304 / 316L	4 / 5 / 6 mm	Metallic
	50 Series	50mm	50 / 100 / 150 / 200 / 300 / 400 / 500 / 600				
	100 Series	100mm	100 / 150 / 200 / 300 / 400 / 500 / 600				
	150 Series	150mm	300 / 400 / 500 / 600				
Type G	50 Series	50mm	50 / 100				
	100 Series	100mm	100				

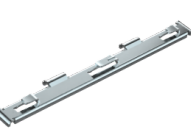
Accessories List



Coupler Kit



Strengthening Bar Kit



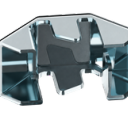
Fast Locking Connector



L Connector Kit



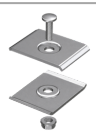
Snap Clamp



Bend Quick Clamp



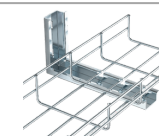
Radius Shield



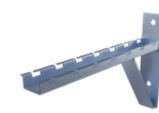
Axis Coupler Kit



Link Span Kit



Wall T-Bracket



Triangle Bracket



Wall Mounting Bracket



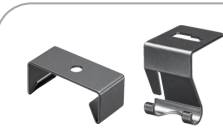
Spider Bracket



T-Suspension Bar



C-Channel Strut



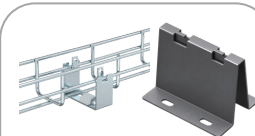
Hanger & Clip



Axis Coupler



Pendant Drop



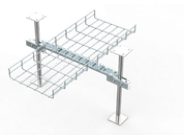
Stand Bracket & T-Bracket



Bridge Stand Bracket Kit



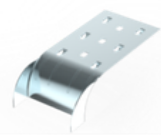
U-Pillar



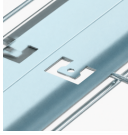
Underfloor Mounting Bracket



Pipeline Fixing Plate



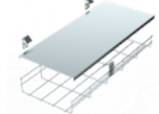
Cable Exit Clip



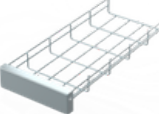
Wire Mesh Cable Tray Divider



Waterfall



Cable Tray Cover



End Cap



Hermesys Ltd.

New Burlington House, 1075 Finchley Road, London, UK

Hermesys LLC

30N Gould St Ste R, Sheridan, WY 82801, USA

Shanghai Hermesys Network Technology Co., Ltd.

CaoHeJing MeiLong Science and Technology Oasis,
Minhang District, Shanghai P.R.C. 200237, China

Hermesys Pte Ltd.

27 New Industrial Rd, #06-06 Novelty Techpoint, 536212 Singapore

Hermesys Co., Ltd.

Office 7B, 99/30, Moo 4, Software Park, Chaeng Wattana Road,
Tambon Pakkred, Amphoe Klong Kluea, Nonthaburi, 11120, Thailand

SCRD Co., Ltd.

Saigon Trade Center, No. 37 Ton Duc Thang,
Sai Gon Ward, Ho Chi Minh City, Vietnam

E-mail: info@hermesys.com

Website: www.hermesys.com