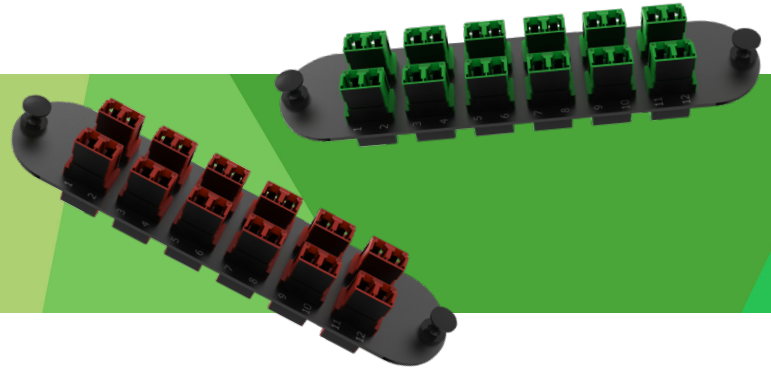


# CLASSIC CONNECTIVITY

## Adapter Panels

--  
Standard



Adapter panels are available with any industry standard connector type and fiber counts from 3 to 24 per panel. Panels are a durable powder coated black steel with ports numerically labeled in white print. LC and SC connector types are available in non-keyed color coded in addition to the TIA standard colors.

### STANDARD COMPLIANCES

- TIA/EIA-455-21A
- TIA/EIA 568-B.3
- TIA/EIA-604-10, LC Connectors
- TIA/EIA-604-3, SC Connectors
- TIA/EIA-604-2, ST Connectors
- TIA/EIA-604-4, FC Connectors
- TIA/EIA-604-12, MTRJ Connectors
- TIA/EIA-604-5, MPO (Including MTP®) Connectors

## Classic Adapter Panels, ORDERING INFORMATION

Part #	Adapter Type
DMAPC-(XX)(A)21	FC
DMAPC-(XX)(A)28	FC/APC
DMAPC-(XX)(A)30	LC Simplex
DMAPC-(XX)(A)31	LC Duplex
DMAPC-(XX)(A)38	LC/APC Duplex
DMAPC-(XX)(A)39	LC/APC Simplex
DMAPC-(XX)(A)3S	LC Duplex Internally Shuttered
DMAPC-(XX)(A)44	MTRJ
DMAPC-(XX)(A)45	MTP®
DMAPC-(XX)(A)60	SC Simplex
DMAPC-(XX)(A)61	SC Duplex
DMAPC-(XX)(A)65	SC/APC Simplex
DMAPC-(XX)(A)68	SC/APC Duplex
DMAPC-(XX)(A)67	ST
DMAPC-(XX)(A)Q1	LC Quad (LGX Only)
DMAPC-(XX)(A)Q8	LC/APC Quad
DMAPC-(XX)(A)QS	LC Quad Internally Shuttered*

\* Internally Shuttered LC adapters are only available in a quad port adapter for 24 fiber LGX compatible panels

(XX)	Replace (XX) with Fiber Count
06 - 24	

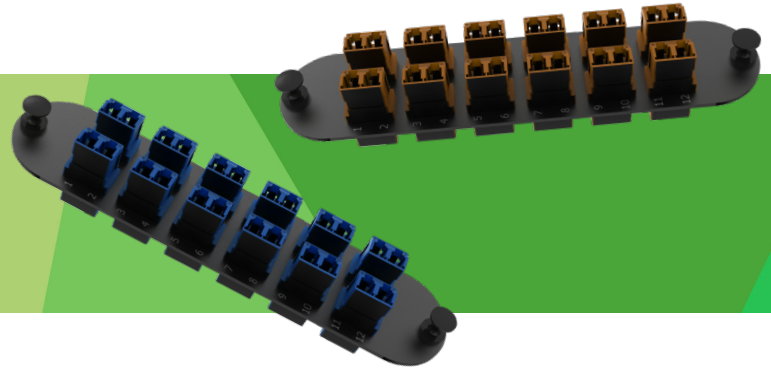
(A)	Replace (A) with Fiber Type
Y	Single mode
F	62.5µm OM1
E	50µm OM2
G	50µm OM3/4
W	50µm OM5 (WBMMF)

### NOTES

- Adapters are colored per fiber and polish type. Single-mode UPC are blue, APC are green.
- OM1 are beige, OM2 black, OM3/4 aqua, and OM5 are lime green.
- ST and FC are metal bodied with color dust caps.
- MTP® Single-mode connectors are standard APC polish, green housing colors. Low loss performance is mustard.
- Many other colors are available for MTP® adapters, please consult the MTP® Solutions section for additional information.

# CLASSIC CONNECTIVITY Adapter Panels

--  
Secure Solutions Color Coded



DMSI's secured solutions adapter panels offer a cost-effective alternative to proprietary keyed connector solutions. Color-coded connectors and adapters offer a visual identification solution for network segregation. Connector types include LC, SC, MTP®, and MTRJ. LC and SC adapters are standard with ceramic inserts.

### STANDARD COMPLIANCES

- TIA/EIA-455-21A
- TIA/EIA 568-B.3
- TIA/EIA-604-10, LC Connectors
- TIA/EIA-604-3, SC Connectors
- TIA/EIA-604-2, ST Connectors
- TIA/EIA-604-4, FC Connectors
- TIA/EIA-604-12, MTRJ Connectors
- TIA/EIA-604-5, MPO (Including MTP®) Connectors

## Secure Solutions (SS) Classic Adapter Panels, ORDERING INFORMATION

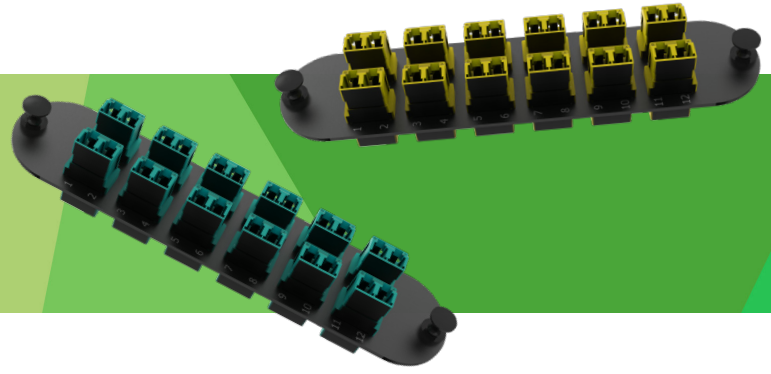
(X)	Replace (X) with Connect Type
3	LC Duplex, Standard Dust Caps
S	Internally Shuttered Duplex LC
6	SC Duplex, Standard Dust Caps
F	MTP®
4	MTRJ

SINGLE-MODE/MULTIMODE		
Part # (12 Fiber)	Part # (24 Fiber)	Color
DMAPC-12V-B(X)	DMAPC-24V-B(X)	Blue
DMAPC-12V-N(X)	DMAPC-24V-N(X)	Orange
DMAPC-12V-G(X)	DMAPC-24V-G(X)	Green
DMAPC-12V-W(X)	DMAPC-24V-W(X)	Brown
DMAPC-12V-T(X)	DMAPC-24V-T(X)	Slate
DMAPC-12V-H(X)	DMAPC-24V-H(X)	White
DMAPC-12V-R(X)	DMAPC-24V-R(X)	Red
DMAPC-12V-K(X)	DMAPC-24V-K(X)	Black
DMAPC-12V-Y(X)	DMAPC-24V-Y(X)	Yellow
DMAPC-12V-V(X)	DMAPC-24V-V(X)	Violet
DMAPC-12V-S(X)	DMAPC-24V-S(X)	Rose
DMAPC-12V-A(X)	DMAPC-24V-A(X)	Aqua
DMAPC-12V-L(X)	DMAPC-24V-L(X)	Lime Green

# CLASSIC CONNECTIVITY

## Adapter Panels

--  
Keyed



Keyed Adapter Panels are designed to secure network accessibility through a physically restrictive cross connect system and are sturdy in withstanding field installations.

### Keyed Adapter Panels, ORDERING INFORMATION

**(XXX)** Replace (XXX) with Fiber Count

012 - 144

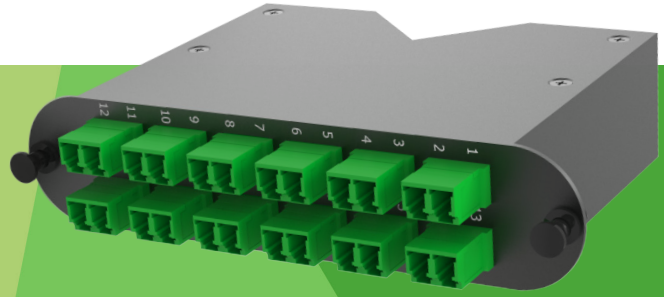
**(A)** Replace (A) with Fiber Type

Y	Single mode
F	62.5µm OM1
E	50µm OM2
G	50µm OM3/4
W	50µm OM5 (WBMMF)

Part # (DMSI Brand)	Part # (Commscope/TE Brand)	Part # (Corning Brand)	Color
DMAPDC-(XXX)(A)-3B	DMAPSC-(XXX)(A)-3B	DMAPCC-(XXX)(A)-3B	Blue
DMAPDC-(XXX)(A)-3N	DMAPSC-(XXX)(A)-3N	DMAPCC-(XXX)(A)-3N	Orange
DMAPDC-(XXX)(A)-3G	DMAPSC-(XXX)(A)-3G	DMAPCC-(XXX)(A)-3G	Green
DMAPDC-(XXX)(A)-3W	DMAPSC-(XXX)(A)-3W	DMAPCC-(XXX)(A)-3W	Brown
DMAPDC-(XXX)(A)-3T	DMAPSC-(XXX)(A)-3T	DMAPCC-(XXX)(A)-3T	Slate
DMAPDC-(XXX)(A)-3H	DMAPSC-(XXX)(A)-3H	DMAPCC-(XXX)(A)-3H	White
DMAPDC-(XXX)(A)-3R	DMAPSC-(XXX)(A)-3R	DMAPCC-(XXX)(A)-3R	Red
DMAPDC-(XXX)(A)-3K	DMAPSC-(XXX)(A)-3K	DMAPCC-(XXX)(A)-3K	Black
DMAPDC-(XXX)(A)-3Y	DMAPSC-(XXX)(A)-3Y	DMAPCC-(XXX)(A)-3Y	Yellow
DMAPDC-(XXX)(A)-3V	DMAPSC-(XXX)(A)-3V	DMAPCC-(XXX)(A)-3V	Violet
DMAPDC-(XXX)(A)-3S	DMAPSC-(XXX)(A)-3S	DMAPCC-(XXX)(A)-3S	Rose
DMAPDC-(XXX)(A)-3A	DMAPSC-(XXX)(A)-3A	DMAPCC-(XXX)(A)-3A	Aqua
DMAPDC-(XXX)(A)-3L	DMAPSC-(XXX)(A)-3L	DMAPCC-(XXX)(A)-3L	Lime Green

## CLASSIC CONNECTIVITY MTP® Modules

--  
Low Loss Performance



Pre-terminated MTP® modules provide a low loss transition from trunk cables to duplex patch cords. All modules are manufactured using enhanced optical fiber and low loss connectors. Each unit is factory tested through the finished module for guaranteed low loss performance in any network. Test data reflects the module's combined single fiber with MTP® connector loss. DMSI standard performance modules are a .55dB max IL combined loss while the ultra low loss offering is a maximum .35dB. Both of which exceed all industry standards.

### FEATURES

- Multiple family specifications for network compatibility
- LC connectors available in shuttered and non-shuttered options
- Multiple polarity types
- Many connector and fiber type options

## Low Loss Performance Classic MTP® Modules, ORDERING INFORMATION

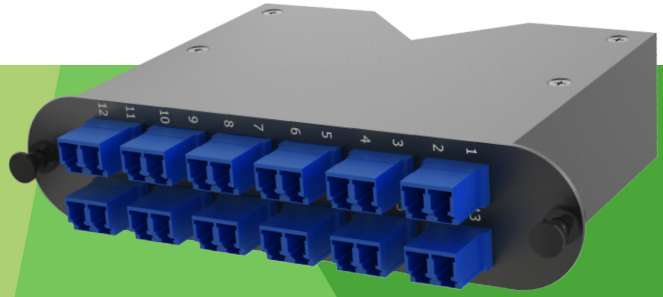
(X)	Replace (X) with Fiber Type
Y	Single mode
F	62.5µm OM1
E	50µm OM2
G	50µm OM3
M	50µm OM4
W	50µm OM5 (WBMMF)

POLARITY TYPE A, MTP® PINNED		
Part # (12 Fiber)	Part # (24 Fiber)	Connector Type
DAFCC-12(X)3146	DAFCC-24(X)3146	LC Duplex, Standard Dust Caps
DAFCC-12(X)3746	DAFCC-24(X)3746	LC/APC, Internally Shuttered
DAFCC-12(X)3846	DAFCC-24(X)3846	LC/APC Duplex, Standard Dust Caps
DAFCC-12(X)3S46	DAFCC-24(X)3S46	LC Duplex, Internally Shuttered
DAFCC-12(X)4746	DAFCC-24(X)4746	MTRJ Pinned
DAFCC-12(X)6146	DAFCC-24(X)6146	SC Duplex
DAFCC-12(X)6846	DAFCC-24(X)6846	SC/APC Duplex
DAFCC-12(X)Q146	DAFCC-24(X)Q146	LC Quad

For other polarity types, please contact sales or customer service.

## CLASSIC CONNECTIVITY MTP® Modules

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Ultra Low Loss Performance



Pre-terminated MTP® modules provide a low loss transition from trunk cables to duplex patch cords. All modules are manufactured using enhanced optical fiber and low loss connectors. Each unit is factory tested through the finished module for guaranteed low loss performance in any network. Test data reflects the module's combined single fiber with MTP® connector loss. DMSI standard performance modules are a .55dB max IL combined loss while the ultra low loss offering is a maximum .35dB. Both of which exceed all industry standards.

### FEATURES

- Multiple family specifications for network compatibility
- LC connectors available in shuttered and non-shuttered options
- Multiple polarity types
- Many connector and fiber type options

## Classic MTP® Module, Ultra Low Loss Performance, ORDERING INFORMATION

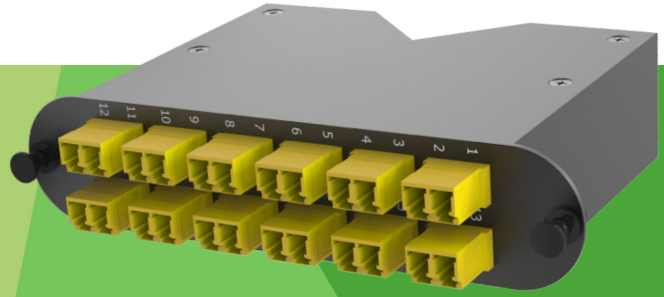
(X)	Replace (X) with Fiber Type
Y	Single mode
F	62.5µm OM1
E	50µm OM2
G	50µm OM3
M	50µm OM4
W	50µm OM5 (WBMMF)

POLARITY TYPE A, MTP® PINNED		
Part # (12 Fiber)	Part # (24 Fiber)	Connector Type
DAFCC-12(X)3446	DAFCC-24(X)3446	LC, Standard Dust Caps
DAFCC-12(X)3746	DAFCC-24(X)3746	LC/APC, Internally Shuttered
DAFCC-12(X)3546	DAFCC-24(X)3546	LC Duplex, Internally Shuttered

For other polarity types, please contact sales or customer service.

## CLASSIC CONNECTIVITY MTP® Modules

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IllumiCore®+ Ultra Low Loss Performance



DMSI offers IllumiCore®+ Ultra Low Loss modules that use the same low loss MTP® components as the standard IllumiCore® modules but use specially selected LC connector components that exceed IEC Grade B random mating and meet project performance of IEC Grade A.

By using IllumiCore®+ modules, typical LC connector insertion loss of .07db can be achieved with a maximum value of .15db. These modules are standard with internal shuttered adapters and are manufactured using a visually identifiable polished black nickel finish.

	<b>MM MT Elite® Multimode MT Ferrule</b>	<b>SM MT Elite® Single-mode MT Ferrule</b>
Insertion Loss	0.1 db Typical (All Fibers) 0.35db Maximum (Single Fiber)2,3,5	0.1 db Typical (All Fibers) 0.35db Maximum (Single Fiber)1,4,5
Return Loss	>20db5	>60db(8o Angle Polish)5

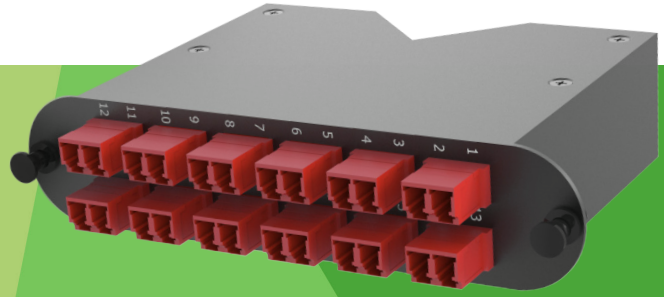
## IllumiCore®+ Classic Ultra Low Loss Performance, ORDERING INFORMATION

<b>GRADE A, POLARITY TYPE A, TYPICAL .07DB IL SINGLE FIBER, MTP® PINNED, 24F</b>		
<b>Part #</b>	<b>Connector Type</b>	<b>Color</b>
LAFCC-24Y-3446	Ultra Low Loss Performance Shuttered Adapter	Black Nickel
LAFCC-24G-3446	Ultra Low Loss Performance Shuttered Adapter	Black Nickel
LAFCC-24M-3446	Ultra Low Loss Performance Shuttered Adapter	Black Nickel



# CLASSIC CONNECTIVITY MTP® Modules

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Secure Solutions Color Coded



Pre-terminated MTP® modules provide a low loss transition from trunk cables to duplex patch cords. All modules are manufactured using enhanced optical fiber and low loss connectors. Each unit is factory tested through the finished module for guaranteed low loss performance in any network. Test data reflects the module's combined single fiber with MTP® connector loss. DMSI standard performance modules are a .55dB max IL combined loss while the ultra low loss offering is a maximum .35dB. Both of which exceed all industry standards.

## FEATURES

- Multiple family specifications for network compatibility
- LC connectors available in shuttered and non-shuttered options
- Multiple polarity types
- Many connector and fiber type options

## Secure Solutions: Color Coded & Non-Keyed LC to MTP® Modules, ORDERING INFORMATION

**(XX)** Replace (XX) with Fiber Count

12 or 24

### POLARITY TYPE A, MTP® PINNED

Part # (Single-mode OS2)	Part # (50µm OM3)	Part # (50µm OM4)	Shuttered LC Color
DAFCC-(XX)Y-BS46	DAFCC-(XX)G-BS46	DAFCC-(XX)M-BS46	Blue
DAFCC-(XX)Y-NS46	DAFCC-(XX)G-NS46	DAFCC-(XX)M-NS46	Orange
DAFCC-(XX)Y-GS46	DAFCC-(XX)G-GS46	DAFCC-(XX)M-GS46	Green
DAFCC-(XX)Y-WS46	DAFCC-(XX)G-WS46	DAFCC-(XX)M-WS46	Brown
DAFCC-(XX)Y-TS46	DAFCC-(XX)G-TS46	DAFCC-(XX)M-TS46	Slate
DAFCC-(XX)Y-HS46	DAFCC-(XX)G-HS46	DAFCC-(XX)M-HS46	White
DAFCC-(XX)Y-RS46	DAFCC-(XX)G-RS46	DAFCC-(XX)M-RS46	Red
DAFCC-(XX)Y-KS46	DAFCC-(XX)G-KS46	DAFCC-(XX)M-KS46	Black
DAFCC-(XX)Y-YS46	DAFCC-(XX)G-YS46	DAFCC-(XX)M-YS46	Yellow
DAFCC-(XX)Y-VS46	DAFCC-(XX)G-VS46	DAFCC-(XX)M-VS46	Violet
DAFCC-(XX)Y-SS46	DAFCC-(XX)G-SS46	DAFCC-(XX)M-SS46	Rose
DAFCC-(XX)Y-AS46	DAFCC-(XX)G-AS46	DAFCC-(XX)M-AS46	Aqua
DAFCC-(XX)Y-LS46	DAFCC-(XX)G-LS46	DAFCC-(XX)M-LS46	Lime Green

For other polarity types, please contact sales or customer service.

# CLASSIC CONNECTIVITY

## MTP® Modules

--  
Keyed



### Keyed MTP® Modules, ORDERING INFORMATION

**(XX)** Replace (XX) with Fiber Count  
12 or 24

<b>(A)</b>	Replace (A) with Fiber Type
Y	Single mode
F	62.5µm OM1
E	50µm OM2
G	50µm OM3
M	50µm OM4
W	50µm OM5 (WBMMF)

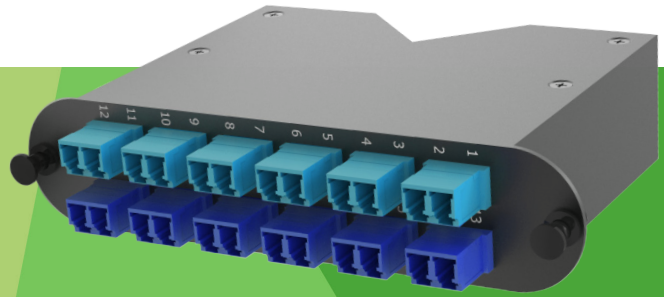
Part # (DMSI Brand)	Part # (Commscope/TE Brand)	Part # (Corning Brand)	Color
DDAFCC-(XX)(A)-3B-B6	DSAFCC-(XX)(A)-3B-B6	DCAFCC-(XX)(A)-3B-B6	Blue
DDAFCC-(XX)(A)-3N-N6	DSAFCC-(XX)(A)-3N-N6	DCAFCC-(XX)(A)-3N-N6	Orange
DDAFCC-(XX)(A)-3G-G6	DSAFCC-(XX)(A)-3G-G6	DCAFCC-(XX)(A)-3G-G6	Green
DDAFCC-(XX)(A)-3W-W6	DSAFCC-(XX)(A)-3W-W6	DCAFCC-(XX)(A)-3W-W6	Brown
DDAFCC-(XX)(A)-3T-T6	DSAFCC-(XX)(A)-3T-T6	DCAFCC-(XX)(A)-3T-T6	Slate
DDAFCC-(XX)(A)-3H-H6	DSAFCC-(XX)(A)-3H-H6	DCAFCC-(XX)(A)-3H-H6	White
DDAFCC-(XX)(A)-3R-R6	DSAFCC-(XX)(A)-3R-R6	DCAFCC-(XX)(A)-3R-R6	Red
DDAFCC-(XX)(A)-3K-K6	DSAFCC-(XX)(A)-3K-K6	DCAFCC-(XX)(A)-3K-K6	Black
DDAFCC-(XX)(A)-3Y-Y6	DSAFCC-(XX)(A)-3Y-Y6	DCAFCC-(XX)(A)-3Y-Y6	Yellow
DDAFCC-(XX)(A)-3V-V6	DSAFCC-(XX)(A)-3V-V6	DCAFCC-(XX)(A)-3V-V6	Violet
DDAFCC-(XX)(A)-3S-S6	DSAFCC-(XX)(A)-3S-S6	DCAFCC-(XX)(A)-3S-S6	Rose
DDAFCC-(XX)(A)-3A-A6	DSAFCC-(XX)(A)-3A-A6	DCAFCC-(XX)(A)-3A-A6	Aqua
DDAFCC-(XX)(A)-3L-L6	DSAFCC-(XX)(A)-3L-L6	DCAFCC-(XX)(A)-3L-L6	Lime Green

For other polarity types, please contact sales or customer service.



## CLASSIC CONNECTIVITY MTP® Modules

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Hybrid



Hybrid MTP® module is a tailored solution at the request of a customer to help solve a problem. Our hybrid modules have grown into a daily requested product for all sorts of applications. Using state of the art components and polishing processes, hybrid MTP® cables and modules are manufactured maintaining low loss optical performance. Mix and match between single and multimode fibers in the same cable and connector ports. Cables, connectors, and adapters can be colored however the customer prefers.

### Classic, Low Loss, MTP®/APC pinned to Internally Shuttered LC

Part #	Description
DAFCC-H12-6G6Y-3S46	12F, Type A, 6F OM3 & 6F OS2
DAFCC-H12-8G4Y-3S46	12F, Type A, 8F OM3 & 4F OS2
DAFCC-H24-HGHY-3S46	24F, Type A, 12F OM3 & 12F OS2 per MTP®

### Hybrid MTP® Modules, ORDERING INFORMATION

**(X)** Replace (X) with First MTP Fiber Count (One Digit)

2, 4, 6, 8, X (used for 10)

**(A)** Replace (A) with Fiber Type

Y	Single mode
F	62.5µm OM1
E	50µm OM2
G	50µm OM3
M	50µm OM4
W	50µm OM5 (WBMMF)

**(B)** Replace (B) with Second MTP Fiber Count (One Digit)

2, 4, 6, 8, X (used for 10)

**(C)** Replace (C) with Connector Type

Y	Single mode
F	62.5µm OM1
E	50µm OM2
G	50µm OM3
M	50µm OM4
W	50µm OM5 (WBMMF)

Part #	Fiber Count	Polarity
HAC12-(X)(A)(B)(C)-3S46	12	Type A
HAC24-(X)(A)(B)(C)-3S46	24	Type A
HBC12-(X)(A)(B)(C)-3S46	12	Type B
HBC24-(X)(A)(B)(C)-3S46	24	Type B
HCC12-(X)(A)(B)(C)-3S46	12	Type C
HCC24-(X)(A)(B)(C)-3S46	24	Type C

**3S - Standard for Internally Shuttered LC** - LC ports are colored per fiber type selection for identification:

OS2 UPC - blue	OS2 APC - green	OM1 - beige	OM2 - black
OM3 - aqua	OM4 - aqua	OM5 - lime green	

## Connector Performance Specifications

	Typical IL Performance (dB)	Max IL Performance (dB)	Typical Reflectance (dB)
Single-mode LC	0.13	0.20	-57
Multimode LC	0.17	0.20	
Multimode MTP® Low Loss (standard)	0.10 (single fiber)	0.35	
Single-mode MTP® Standard Loss	0.25 (single fiber)	0.75	> 60
Single-mode MTP® Low Loss	.10 (single fiber)	0.35	> 60

### COMPLIANCES

- LC Connectors, TIA/EIA-604-10
- MPO (including MTP®), TIA/EIA-604-5

### MPO COMPLIANCES AND STANDARDS

- Meets IEC Standard 61754-7
- Structured cabling per TIA-568-C
- Parallel Optics
- Optical Internetworking Forum (OIF) Compliant
- Infiniband Compliant
- 10G Fiber Channel Compliant
- 40G and 100G IEEE 802.3
- SNAP 12
- POP 4
- QSFP
- CXP