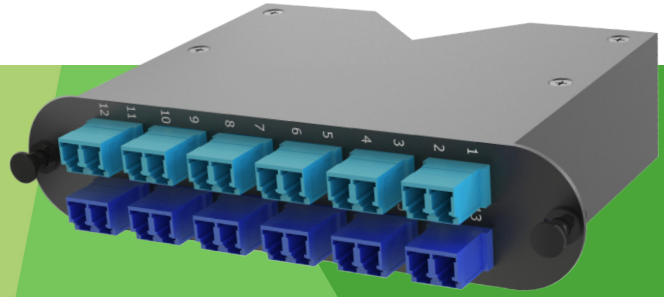


## CLASSIC CONNECTIVITY MTP® Modules

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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