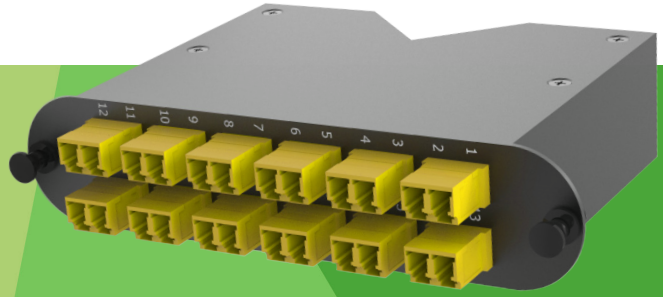


CLASSIC CONNECTIVITY MTP® Modules

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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.

	MM MT Elite® Multimode MT Ferrule	SM MT Elite® Single-mode MT Ferrule
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

GRADE A, POLARITY TYPE A, TYPICAL .07DB IL SINGLE FIBER, MTP® PINNED, 24F		
Part #	Connector Type	Color
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

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