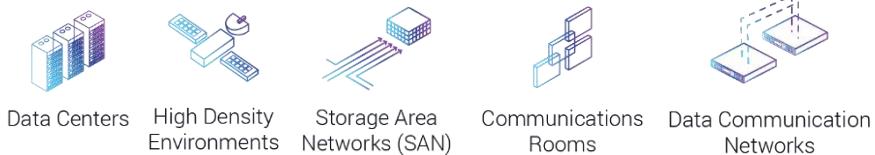
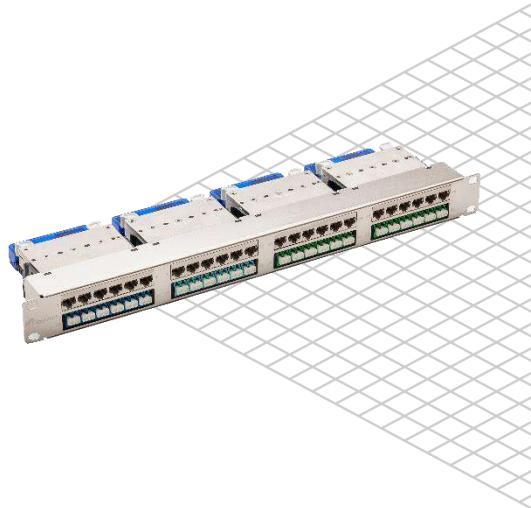


## FCM8 fiber & copper Solution

The Fibernet FCM8 Fiber and Copper Panel is a modular high-density solution based on an eight module patch panel installed on standard 1U 19" racks.

The robust and versatile solution supports both fiber and copper modules. Fiber and copper are combined in one patch panel for maximum system flexibility and versatility. Pre-terminated and ready to splice modules and trunk cables make installation quick and easy.



## FEATURES

- High-density compact solution accommodates maximum connections in minimum space
- Copper bundles offer superior performance for high-density cabling and data center applications
- Superior Gigabit Ethernet over fiber transport providing high-speed Ethernet bandwidth over fiber optic lines
- Mix and match fiber and copper technology in the same 19" rack mount
- Eight modules available in LC, SC, and CAT6A configurations in various fiber port counts
- Fiber optics module connects with SC or LC adapter, MTP-LC modules, fusion splice modules in pre-terminated or patch only configurations
- Modules can be quickly loaded and removed from front, side and rear
- Optional protective panel for maximum protection of fibers
- Copper system is available in 2 options: UTP and FTP
- Pre-terminated and ready to splice assembly including all required parts and accessories for fast and easy installation

## STANDARDS

Compliant with the following standards:

- IEEE 802.3ab-2010 - ETL lab verified (up to 100G Ethernet)
- ISO/IEC 11801 and ANSI/TIA-568-C.2 CAT6/6A
- ANSI/TIA-568-C.3
- EIA-310
- UL 94 V-0
- RoHS

## Patch-Panel

- Equipped with IU 19" racks - 185mm\*43.5mm\*70.3mm (WxHxD)
- Robust metal front for fiber and copper solutions
- Each module is individually numbered for faster identification

Compliant with the following standards:

- FTP modules - EC verified from Delta for all CAT 6A
- ISO/IEC 11801
- ANSI/TIA-568-C.2, CAT6/6A
- ISO/IEC 11801:2011 (Ed 2.2)
- IEC 60603-7-51:2010
- EN 50173-1:2011
- EN 50173-2:2007, plus A1:2010
- IEC 60512-99-001
- UTP modules - ISO/IEC 11801 and ANSI/TIA-568-C.2, CAT 6

## Copper Modules

- Features a 6 Port CAT 6A module for a high density solution
- Module dimensions: 93x90x18
- Available in both FTP and UTP solutions for superior performance and reliability
- Each module is individually labeled for easy identification
- Optional pre-terminated copper assemblies

Compliant with the following standards:

- FTP modules - EC verified from Delta for all CAT 6A
- ISO/IEC 11801
- ANSI/TIA-568-C.2, CAT6/6A
- ISO/IEC 11801:2011 (Ed 2.2)
- IEC 60603-7-51:2010
- EN 50173-1:2011
- EN 50173-2:2007, plus A1:2010
- IEC 60512-99-001
- UTP modules - ISO/IEC 11801 and ANSI/TIA-568-C.2, CAT 6

## Fiber Optic Modules

- High-density compact solution includes different types of fiber optic modules
- 6 LC duplex adapter (12 fiber) modules with rubber cable entry
- 6 SC duplex adapter (12 fiber) modules with rubber cable entry
- 6-port MTP-LC module assembly to MTP (male) to 12 LC
- 6 LC fusion splice module - suitable for up to 12 fusion splices, with 12 LC pigtails and 6 LC duplex adapters
- 4 MTP ports or 4 LC duplex ports use the adapter panel
- All LC and SC connectors are equipped with dust caps for maximum protection

Compliant with the following standards:

- ISO/IEC 11801
- ANSI/TIA-568-C.3
- Insertion Loss & Return Loss (IL&RL) Test

## SPECIFICATIONS

Parameter	Multi-mode Low Loss	Single-mode Ultra Low Loss	Single-mode Low Loss		
<b>Max. Module IL</b>	0.5 dB	0.5 dB	0.75 dB		
<b>Max. Connection (Coupling) IL</b>	LC: 0.15 dB MTP: 0.35 dB	LC: 0.15 dB MTP: 0.35 dB	LC: 0.15 dB MTP: 0.60 dB		
<b>Max. Module Return Loss</b>	>35 dB	>60 dB (8° Angle Polish)			
<b>Operating Temperature</b>	-20°C ~ +70°C				
<b>Dimensions</b>	93 x 138 x 18 mm				

## BUILD YOUR ORDER

Patch-Panel

P/N - FCM8-1U

FCM8 Blank Panel-

P/N - FCM8-BP

FCM8-1U Protective Panel

P/N - MPF2864

### FCM8 Fiber Optics Modules

FCM8 - 

S	G	12	U	A
Connect or type	Fiber Type	No. of Fibers	Polish Type	Method

Connector Type		Fiber Type		No. of Fibers		Polish Type		Method	
S	SC	O	OM3 B.I	6	6 Fibers (SC)	U	UPC	None	Normal
L	LC	G	OM4 B.I	12	12 Fibers	A	APC	A	Method A
P	MTP-LC	7	9/125 G657A2 B.I						

## FCM8 Fiber Optics Splice Modules

FCM8 – S - G L 12 U

Fiber Type    Connect or Type    No. of Fibers    Polish Type

Fiber Type		Connector Type		No. of Pigtailed		Polish Type	
0	OM3 B.I	L	LC	12	12 Fibers	U	UPC
G	OM4 B.I					A	APC
7	9/125 G657A2 B.I						

## FCM8 Fiber Optics Adapters Modules

FCM8 – A - G L U

Fiber Type    Connect or Type    Polish Type

Fiber Type		Connector Type		Polish Type	
0	OM3 B.I	L	LC QUAD	U	UPC
G	OM4 B.I	m	MTP Duplex	A	APC
7	9/125 G657A2 B.I				

## Copper Modules

FCM8 – C6 U

Connector Type    Type

Cable Type		Type	
C6	CAT6	U	UTP
C6A	CAT6A	F	FTP