

TrueNet®

RMG Series Rack Mount Fiber Enclosures



ADC introduces the RMG Series rack mount fiber enclosures as an integral part of the TrueNet® product portfolio. ADC's RMG Series fiber enclosure provides rugged and durable protection for patching or splicing of fiber cables. Especially designed to be user friendly, the slide-out design and removable front and rear panels provide convenient access points.

ADC's RMG Series offers a cost effective and high-density rack mount fiber enclosure in one, two and four rack unit sizes. Its modular design and flexible configurations including terminating, splicing and MTP/MPO solutions makes it very user friendly and easy to install.

Applications and Benefits:

- High-density makes suitable for telecommunications and equipment rooms
- Configurations with preterminated fiber can be used for rapid deployment in storage area networks and data centers
- Can be cabinet mounted for data center applications

Features:

- 1 RU and 2 RU units contain sliding and removable front and rear access panels, providing convenient access points
- Made with 16 gauge steel and scratch resistant paint providing durable rugged construction
- Designed for 48.26 cm (19-inch) EIA rack or cabinet environment; optional brackets to accommodate 58.42 cm (23-inch) rack or cabinet mounting
- All RMG panels accommodate the modular RMG adapter packs or RMG MTP cassettes
- Density: up to 72 terminations in 1 RU
- Low profile design with higher density for space limited applications
- User friendly design utilizing industry standard LSX/LGX modular adapter packs
- Modular adapter packs are available preterminated with pigtails to simplify ordering process and reduce installation time
- Side and rear cable entry points on back of panel supports a wide range of deployment applications

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Specifications

Storage/operating temperature: -40 °C to 85 °C (-40 °F to 185 °F)

Approximate weight (empty panel):

1 RU model:	5.44 Kg (12 lbs)
2 RU model:	5.90 Kg (13 lbs)
4 RU model:	6.80 Kg (15 lbs)

Configuration options and capacity

Termination only:

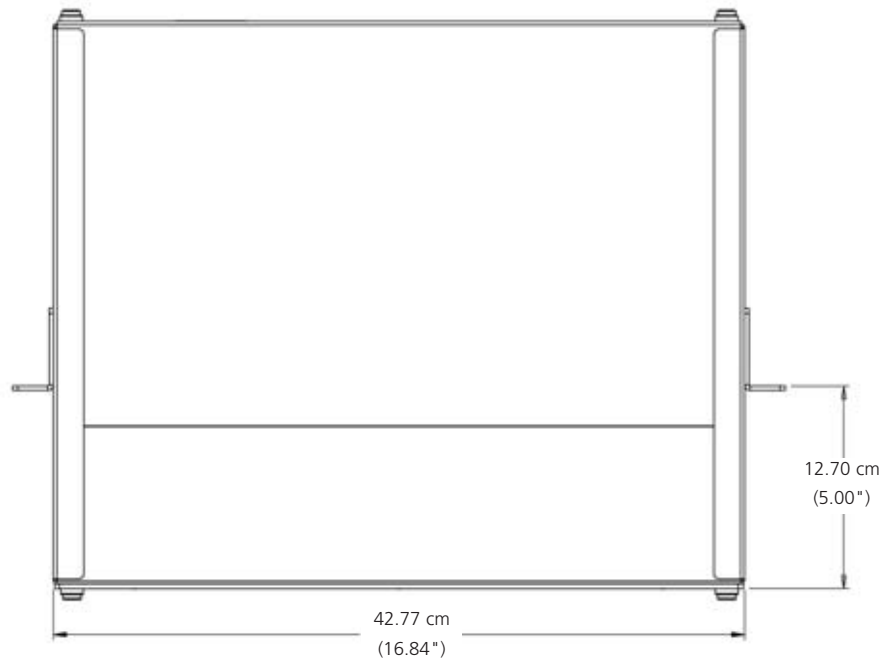
1 RU maximum density¹:	72 terminations
2 RU maximum density¹:	144 terminations
4 RU maximum density¹:	288 terminations

Termination/splice:

1 RU maximum density¹:	36 terminations
2 RU maximum density¹:	72 terminations
4 RU maximum density¹:	144 terminations

¹Maximum density achieved using quad LC connectors.

1 RU, 2 RU and 4 RU

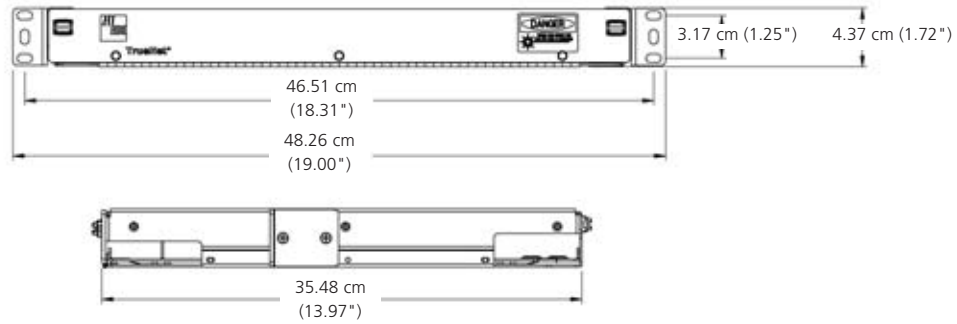




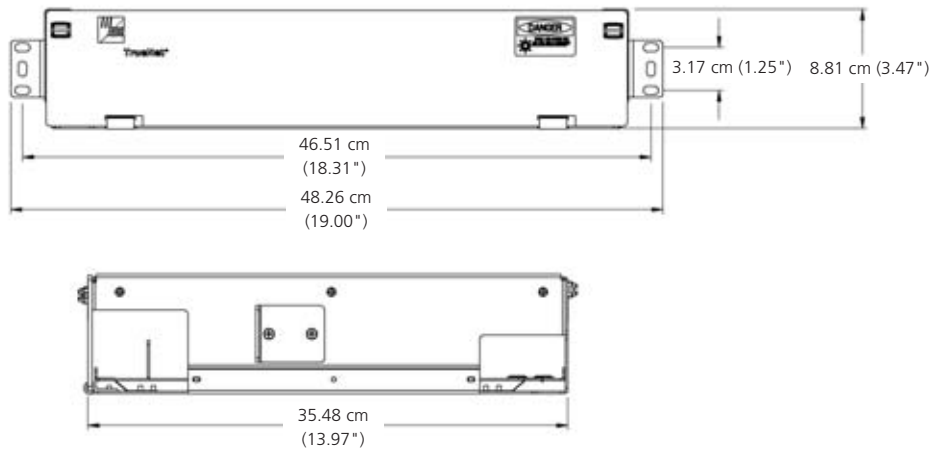
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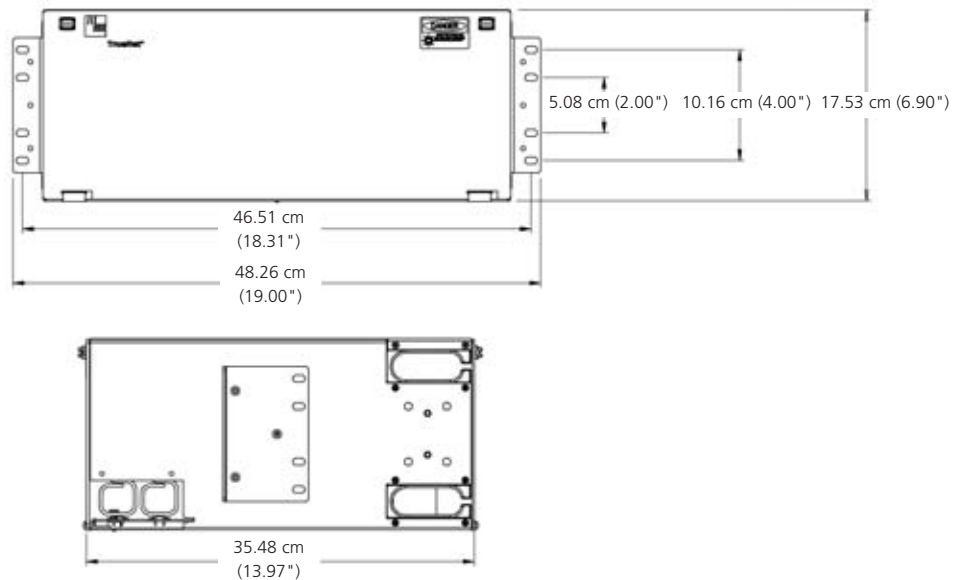
1 RU Model



2 RU Model



4 RU Model



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RMG Series Rack Mount Fiber Enclosures

RMG Empty Panels:

The RMG empty panel with blank panels includes 48.26 cm (19-inch) EIA mounting brackets and hardware, polycarbonate front door, cable ties, cable management rings and improved circuit identification cards. The RMG empty panel allows for the user to mix and match any combination of MTP cassettes and modular adapter packs or simply utilize a “grow as you go” approach to their network.

Features:

- Mounting options:
 - Shipped with standard 48.26 cm (19-inch) EIA rack or cabinet mounting hardware
 - Optional brackets to accommodate 58.42 cm (23-inch) EIA rack or cabinet mounting
- Ability to quickly and easily configure, utilizing the modular adapter pack or MTP cassette assemblies

Ordering Information

Description	Panel Height	Catalog Number
Rack or cabinet mount panel, black		
1 RU empty panel; accommodates 3 MTP cassettes or 3 modular adapter packs; black	4.45 cm (1.75")	RMG-1000-000B
2 RU empty panel; accommodates 6 MTP cassettes or 6 modular adapter packs; black	8.89 cm (3.50")	RMG-2000-000B
4 RU empty panel; accommodates 12 MTP cassettes or 12 adapter packs; also includes cable management bracket and cable clamp; black	17.78 cm (7.00")	RMG-4000-000B
Accessories		
Cable clamp kit (for 1 RU and 2 RU)		RMG-ACC001
Label kit		RMG-ACC002
Splice tray		
Heat shrink fusion		FST-DV-HS
Mechanical		FST-DV-MT
Extender brackets; 48.26 cm – 58.42 cm (19" – 23")		
1 RU		EB-17B
2 RU		EB-35B



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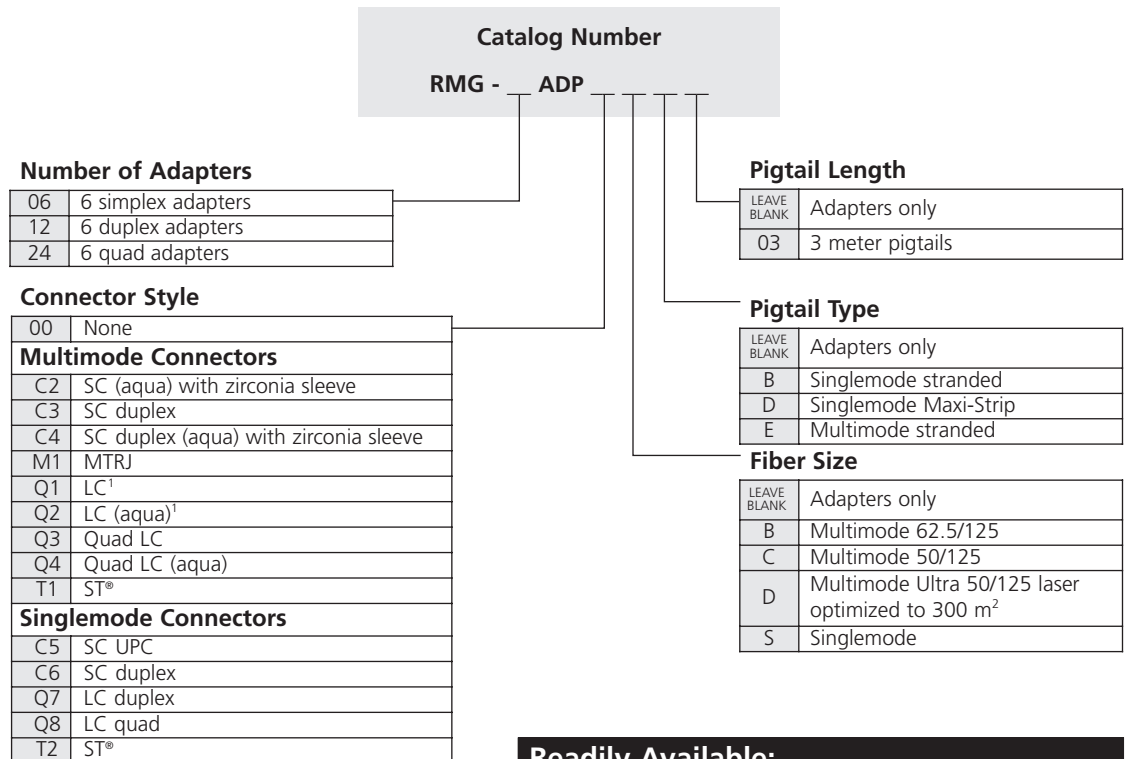
Modular Adapter Packs

ADC's RMG modular adapter pack assemblies can be used in any of the RMG series fiber enclosures in a variety of connector styles and with or without preterminated 3 m (9.84 ft) pigtails. Its modular design is user friendly and easy to install.

Features:

- Completely interchangeable between RMG panel products
- Can be ordered with all standard types of simplex and duplex multimode and singlemode adapters
- Available with preterminated 3 m (9.84 ft) pigtails to reduce installation time and cost
- One end of pigtail terminated to chosen connector style and installed into adapter pack plug-in adapters

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Readily Available:

Description	Catalog Number
Adapter pack loaded with 6 multimode LC adapters only	RMG-12ADPQ1
Adapter pack loaded with 6 multimode ST® adapters only	RMG-06ADPT1
Adapter pack loaded with 6 multimode SC adapters only	RMG-06ADPC1
Adapter pack loaded with 6 duplex multimode SC adapters only	RMG-12ADPC3

¹ LC adapters terminate two fibers at each adapter and should be considered duplex adapters in this ordering scheme

² ADC recommends the use of aqua adapters with multimode Ultra fiber to visually identify 10 Gigabit circuits



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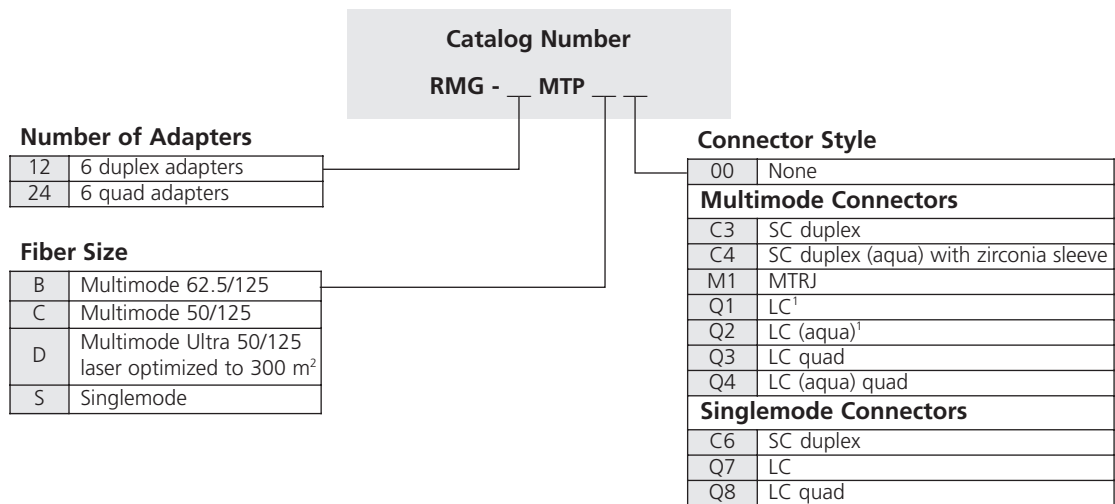
RMG Series Rack Mount Fiber Enclosures

Modular MTP/MPO Cassettes

ADC's RMG modular MTP cassette assemblies can be used in any of the RMG series fiber enclosures in a variety of connector styles. Designed for easy installation and allowing rapid deployment with less labor.

Features:

- Completely interchangeable between RMG panel products
- Can be ordered with all standard types duplex and quad multimode and singlemode adapters
- Modular design reduces installation costs



Readily Available:	
Description	Catalog Number
MTP cassette 50/125 µm, 6 multimode LC adapters	RMG-12MTPCQ1
MTP cassette 50/125 µm, 6 quad multimode LC adapters	RMG-24MTPCQ3

¹ LC adapters terminate two fibers at each adapter and should be considered duplex adapters in this ordering scheme

² ADC recommends the use of aqua adapters with multimode Ultra fiber to visually identify 10 Gigabit circuits



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RMG Pre-configured Panels with Adapters only or with Pigtails

ADC's RMG series fiber panels are available to be shipped with factory installed adapter modules and/or preterminated pigtail assemblies which simplifies the ordering process and reduces installation time and costs.

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Catalog Number		
RMG - - - - -		
Panel Size		
1	1 RU (1.75")	3 adapter packs
2	2 RU (3.50")	6 adapter packs
4	4 RU (7.00")	12 adapter packs
Adapters/Pigtails		
0	None	
A	Adapters only	
P	Adapters and singlemode stranded pigtails	
R	Adapters and singlemode ribbon pigtails	
B	Adapters and stranded 50/125 multimode pigtails	
D	Adapters and stranded 50/125 multimode Ultra pigtails laser optimized to 300 m ¹	
E	Adapters and stranded 62.5/125 multimode pigtails	
Connector Style		
00	None	
Multimode Connectors		
C1	SC	
C2	SC (aqua) wih zirconia sleeve	
C3	SC duplex	
C4	SC duplex (aqua) wih zirconia sleeve	
M1	MTRJ	
Q1	LC	
Q2	LC (aqua)	
Q3	LC quad	
Q4	LC quad (aqua)	
T1	ST®	
Singlemode Connectors		
C5	SC	
C6	SC duplex	
Q7	LC	
Q8	LC quad	
T2	ST®	
Panel Color		
B	Black	
Splice Deck Type		
0	None	
2	Heat shrink fusion	
6	Nortel QPak	
Loaded Adapter Paks		
00	None	
03	3 adapter packs, loaded	
06	6 adapter packs, loaded	
12	12 adapter packs, loaded	

Readily Available:	
Description	Catalog Number
1 RU panel loaded w/ 1 adapter pack with multimode duplex SC adapters	RMG-1AC3-010B
4 RU panel loaded w/ 12 adapter packs with multimode duplex SC adapters	RMG-4AC3-120B
2 RU panel loaded w/ 4 adapter packs with multimode LC adapters	RMG-2AQ1-040B

¹ ADC recommends the use of aqua adapters with multimode Ultra fiber to visually identify 10 Gigabit circuits

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RMG Maximum Capacity by Adapter Style and Chassis Height

Chassis Height (in Rack Units)	Max. no. of fiber terminations in chassis	Max. no. of adapter packs per chassis	No. of Fiber Terminations per Adapter Pack	Adapter Style
1	18	3	6	SC Simplex, ST®
1	36	3	12	SC Duplex , LC standard, MTRJ standard
1	72 ¹	3	24	Quad LC
2	36	6	6	SC Simplex, ST®
2	72	6	12	SC Duplex, LC standard, MTRJ standard
2	144 ¹	6	24	LC Quad
4	72	12	6	SC Simplex, ST®
4	144	12	12	SC Duplex, LC standard, MTRJ standard
4	288 ¹	12	24	LC Quad

¹ Note – Maximum density reflected in chart is only for termination only applications.

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Web Site: www.adc.com

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Fax: +1-952-917-3237 • For a listing of ADC's global sales office locations, please refer to our Web site.

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