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 make it very user friendly and easy to install.

Features:

- 1 RU and 2 RU units contain sliding and removable front and rear access panels, providing convenient access points
- 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
- 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
- Side and rear cable entry points on back of panel supports a wide range of deployment applications

Applications and Benefits:

- High-density makes suitable for telecommunications and equipment rooms
- Can be cabinet mounted for data center applications

ADC

Specifications

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

Approximate weight (empty panel)

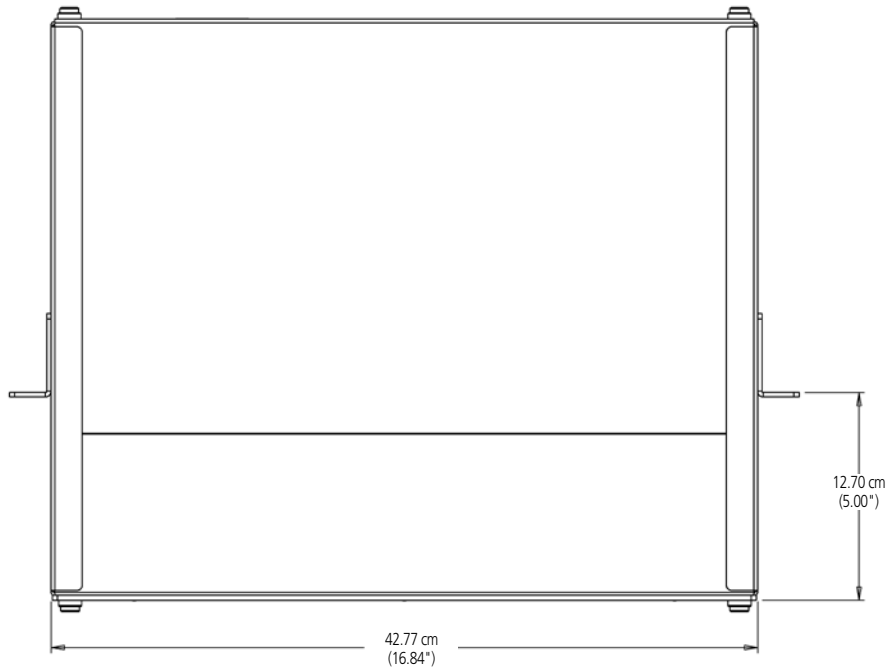|	
1 RU model:	5.44 Kg (12 lbs)
2 RU model:	5.90 Kg (13 lbs)
4 RU model:	6.80 Kg (15 lbs)

Configuration options and capacity

Termination only

1 RU maximum density[1]:	72 terminations
2 RU maximum density[1]:	144 terminations
4 RU maximum density[1]:	288 terminations

Termination/splice

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

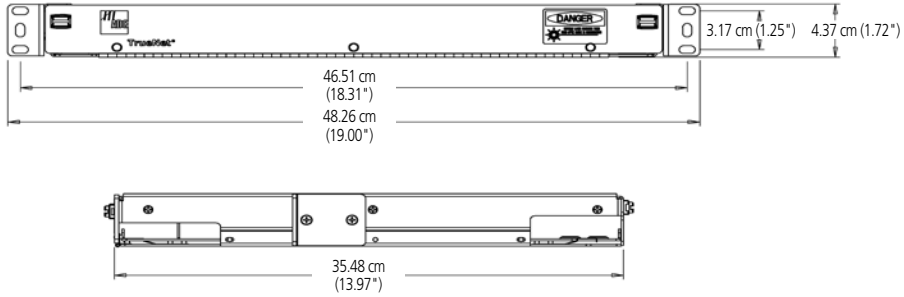[1]Maximum density achieved using quad LC connectors.

1 RU, 2 RU and 4 RU

12.70 cm
(5.00")

42.77 cm
(16.84")

1 RU Model

3.17 cm (1.25") 4.37 cm (1.72")

46.51 cm
(18.31")

48.26 cm
(19.00")

35.48 cm
(13.97")

2 RU Model

3.17 cm (1.25") 8.81 cm (3.47")

46.51 cm
(18.31")

48.26 cm
(19.00")

35.48 cm
(13.97")

4 RU Model

5.08 cm (2.00") 10.16 cm (4.00") 17.53 cm (6.90")

46.51 cm
(18.31")

48.26 cm
(19.00")

35.48 cm
(13.97")
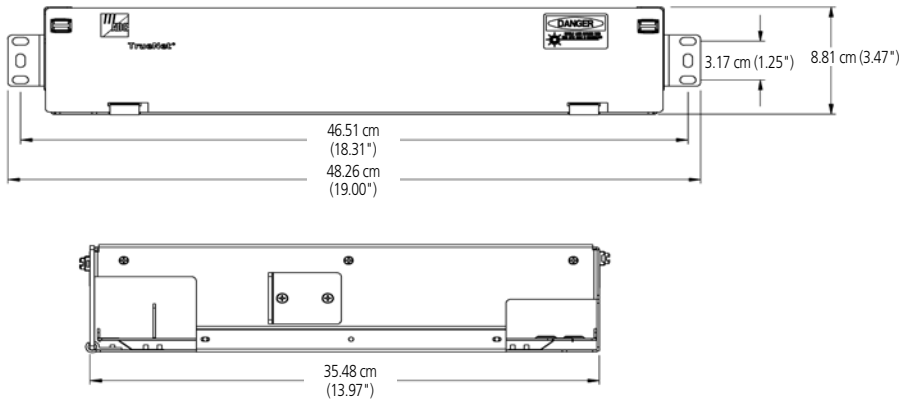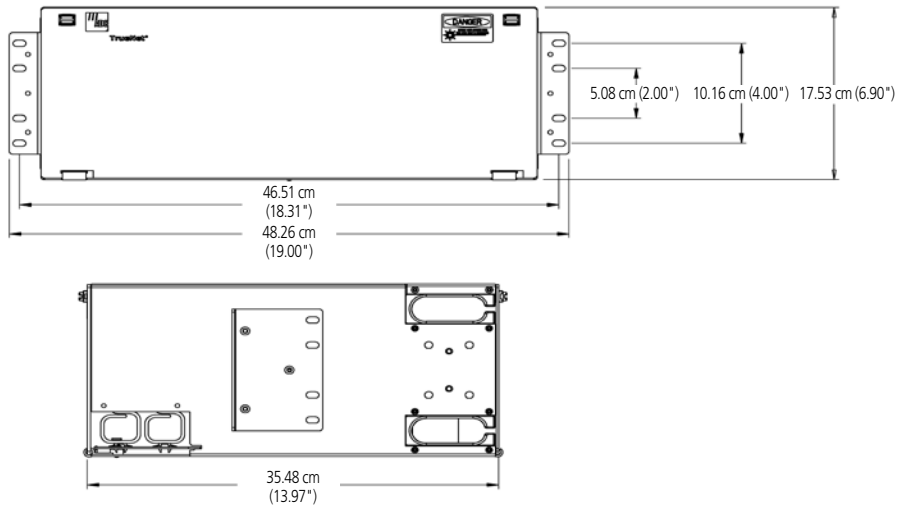
RMG Empty Panels

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 circuit identification cards. The RMG empty panel allows for the user to mix and match any combination of 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

Ordering Information

Description	Panel Height	Catalog Number
Rack or Cabinet Mount Panel, black		
1 RU empty panel; accommodates 3 modular adapter packs; black	4.45 cm (1.75")	RMG-1000-000B
2 RU empty panel; accommodates 6 modular adapter packs; black	8.89 cm (3.50")	RMG-2000-000B
4 RU empty panel; accommodates 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 2RU)		RMG-ACC001
Blank Plates		RMG-00ADP00
Splice Tray		
Heat shrink fusion		FST-DV-HS
Mechanical		FST-DV-MT
Extender Brackets; 48.26 cm (19" - 23")		
1 RU		EB-17B
2 RU		EB-35B

RMG Standard Adapter Packs

The RMG Series offers a variety of standard modular adapter packs to accommodate most applications. They utilize the industry standard LSX/LGX footprint and are readily available.

Ordering Information

Description	Catalog Number
Multimode adapter only packs	
LC quad adapters with phosphorus bronze sleeve, beige color 6 adapters or 24 fiber ports per adapter pack	RMG-24ADPQ3
LC adapters with phosphorus bronze sleeve, beige color 6 adapters or 12 fiber ports per adapter pack	RMG-12ADPQ1
SC duplex adapters with phosphorus bronze sleeve, beige color 6 adapters or 12 fiber ports per adapter pack	RMG-12ADPC3
SC adapters with phosphorus bronze sleeve, beige color 6 adapters or 6 fiber ports per adapter pack	RMG-06ADPC1
ST® adapters with phosphorus bronze sleeve 6 adapters or 6 fiber ports per adapter pack	RMG-06ADPT1
10 Gigabit multimode adapter only packs[1]	
LC quad adapters with zirconia sleeve, aqua color 6 adapters or 24 fiber ports per adapter pack	RMG-24ADPQ4
LC adapters with zirconia sleeve, aqua color 6 adapters or 12 fiber ports per adapter pack	RMG-12ADPQ2
SC duplex adapters with zirconia sleeve, aqua color 6 adapters or 12 fiber ports per adapter pack	RMG-12ADPC4
SC adapters with zirconia sleeve, aqua color 6 adapters or 6 fiber ports per adapter pack	RMG-06ADPC2
Singlemode adapter only packs	
LC quad adapters, blue color 6 adapters or 24 fiber ports per adapter pack	RMG-24ADPQ8
LC quad adapters, blue color 6 adapters or 12 fiber ports per adapter pack	RMG-12ADPQ5
SC duplex adapters, blue color 6 adapters or 12 fiber ports per adapter pack	RMG-12ADPC6
SC adapters, blue color 6 adapters or 6 fiber ports per adapter pack	RMG-06ADPC5
ST® adapters 6 adapters or 6 fiber ports per adapter pack	RMG-06ADPT2

[1]ADC recommends the use of aqua colored adapters with laser-optimized multimode fiber for 10 Gigabit applications for circuit identification.

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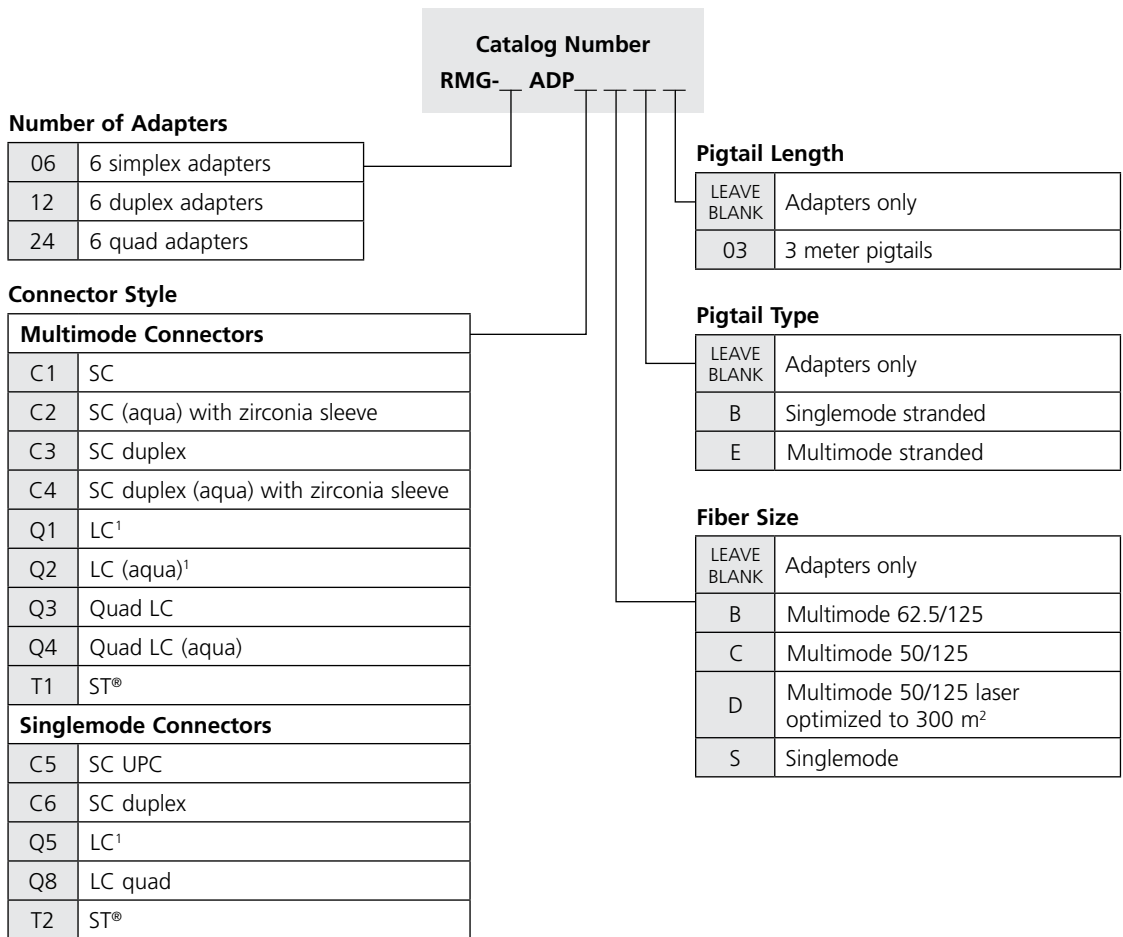## RMG Series Rack Mount Fiber Enclosures

Custom 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. Use the following matrix to configure the correct catalog number for the application. If the resulting catalog number is not on the standard list, the product is considered custom and may have longer lead times.

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

Catalog Number

RMG-__ ADP____

Number of Adapters

06	6 simplex adapters
12	6 duplex adapters
24	6 quad adapters

Connector Style

Multimode Connectors	
C1	SC
C2	SC (aqua) with zirconia sleeve
C3	SC duplex
C4	SC duplex (aqua) with zirconia sleeve
Q1	LC[1]
Q2	LC (aqua)[1]
Q3	Quad LC
Q4	Quad LC (aqua)
T1	ST®
Singlemode Connectors	
C5	SC UPC
C6	SC duplex
Q5	LC[1]
Q8	LC quad
T2	ST®

Pigtail Length

LEAVE BLANK	Adapters only
03	3 meter pigtails

Pigtail Type

LEAVE BLANK	Adapters only
B	Singlemode stranded
E	Multimode stranded

Fiber Size

LEAVE BLANK	Adapters only
B	Multimode 62.5/125
C	Multimode 50/125
D	Multimode 50/125 laser optimized to 300 m[2]
S	Singlemode

[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
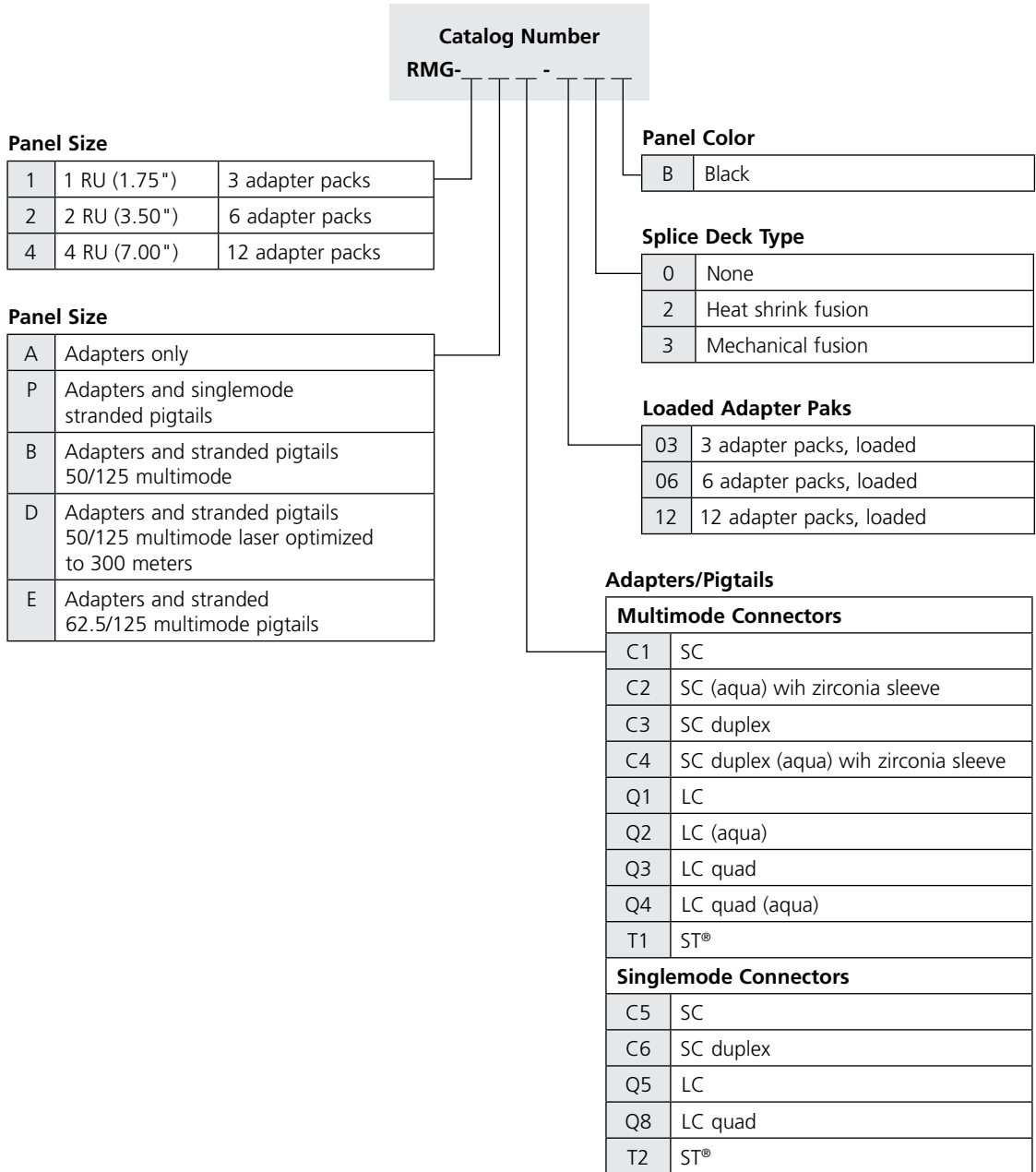
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RMG Series Rack Mount Fiber Enclosures

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. These configurations are custom and build-to-order.

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

Panel Size

A	Adapters only
P	Adapters and singlemode stranded pigtails
B	Adapters and stranded pigtails 50/125 multimode
D	Adapters and stranded pigtails 50/125 multimode laser optimized to 300 meters
E	Adapters and stranded 62.5/125 multimode pigtails

Panel Color

B	Black

Splice Deck Type

0	None
2	Heat shrink fusion
3	Mechanical fusion

Loaded Adapter Paks

03	3 adapter packs, loaded
06	6 adapter packs, loaded
12	12 adapter packs, loaded

Adapters/Pigtails

Multimode Connectors	
C1	SC
C2	SC (aqua) wih zirconia sleeve
C3	SC duplex
C4	SC duplex (aqua) wih zirconia sleeve
Q1	LC
Q2	LC (aqua)
Q3	LC quad
Q4	LC quad (aqua)
T1	ST®

Singlemode Connectors	
C5	SC
C6	SC duplex
Q5	LC
Q8	LC quad
T2	ST®

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

RMG Maximum Capacity by Adapter Style and Chassis Height

Termination Only Application

Chassis Height (in Rack Units)/ Application	Maximum Number of Fiber Terminations in Chassis	Maximum Number of Adapter Packs per Chassis	Number of Fiber Terminations per Adapter Pack	Adapter Style
1	18	3	6	Simplex SC, ST
1	36	3	12	Duplex SC, standard LC,
1	72	3	24	Quad LC
2	36	6	6	Simplex SC, ST
2	72	6	12	Duplex SC, standard LC,
2	144	6	24	Quad LC
4	72	12	6	Simplex SC, ST
4	144	12	12	Duplex SC, standard LC,
4	288	12	24	Quad LC

Termination/Splice Application

Chassis Height (in Rack Units)/ Application	Maximum Number of Fiber Terminations in Chassis	Maximum Number of Adapter Packs per Chassis	Number of Fiber Terminations per Adapter Pack	Adapter Style
1	18	3	6	Simplex SC, ST
1	36	3	12	Duplex SC, standard LC,
1	48	2	24	Quad LC
2	36	6	6	Simplex SC, ST
2	72	6	12	Duplex SC, standard LC,
2	96	4	24	Quad LC
4	72	12	6	Simplex SC, ST
4	144	12	12	Duplex SC, standard LC,
4	144	12	24	Quad LC

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