

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 pigtailed 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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RMG Series Rack Mount Fiber Enclosures

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:

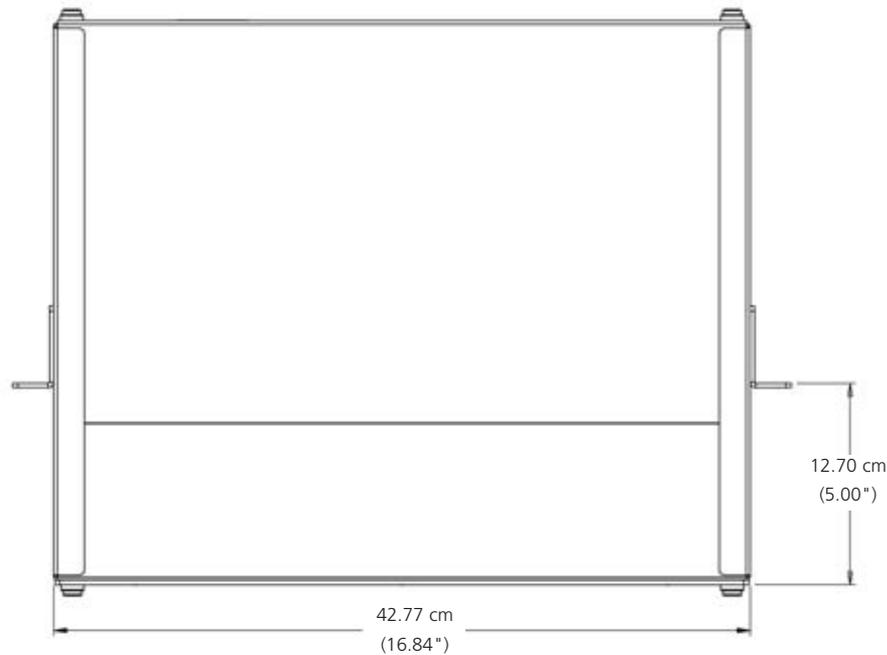
| | |
|--|------------------|
| 1 RU maximum density¹: | 72 terminations |
| 2 RU maximum density¹: | 144 terminations |
| 4 RU maximum density¹: | 288 terminations |

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



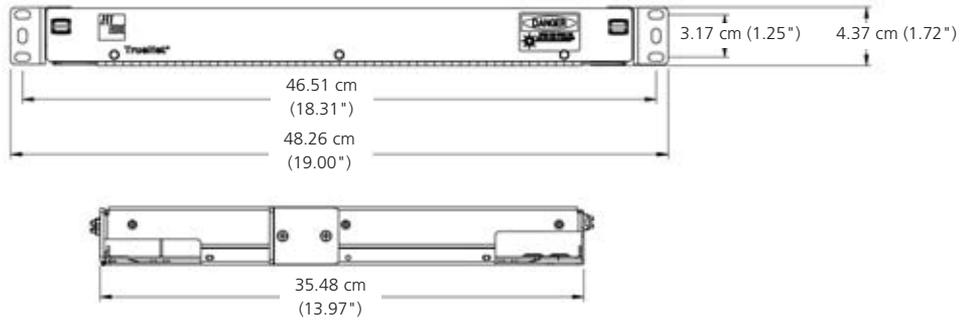
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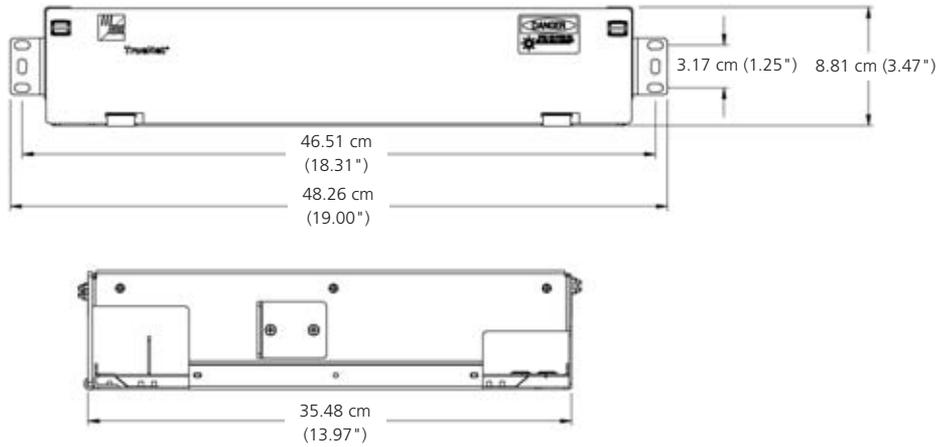
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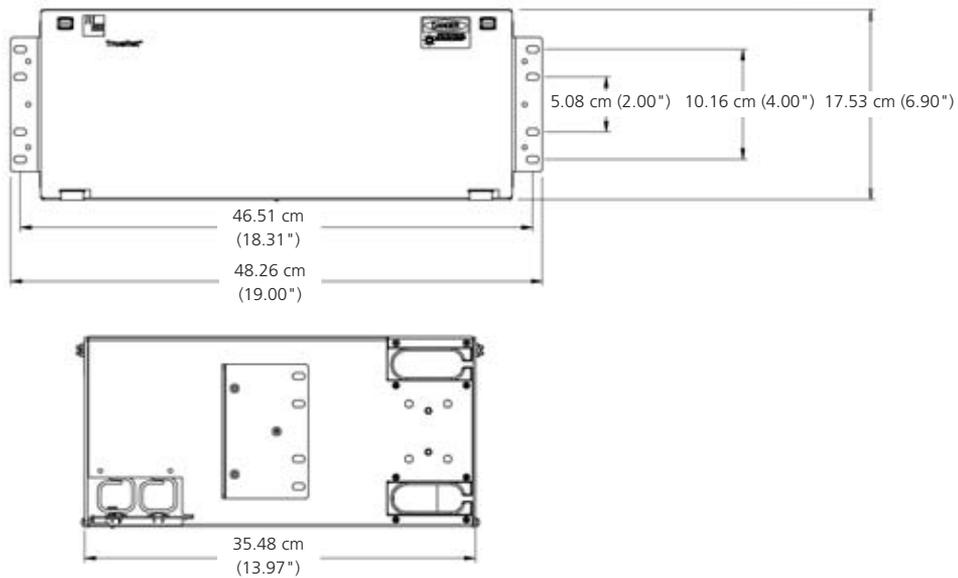
1 RU Model



2 RU Model



4 RU Model



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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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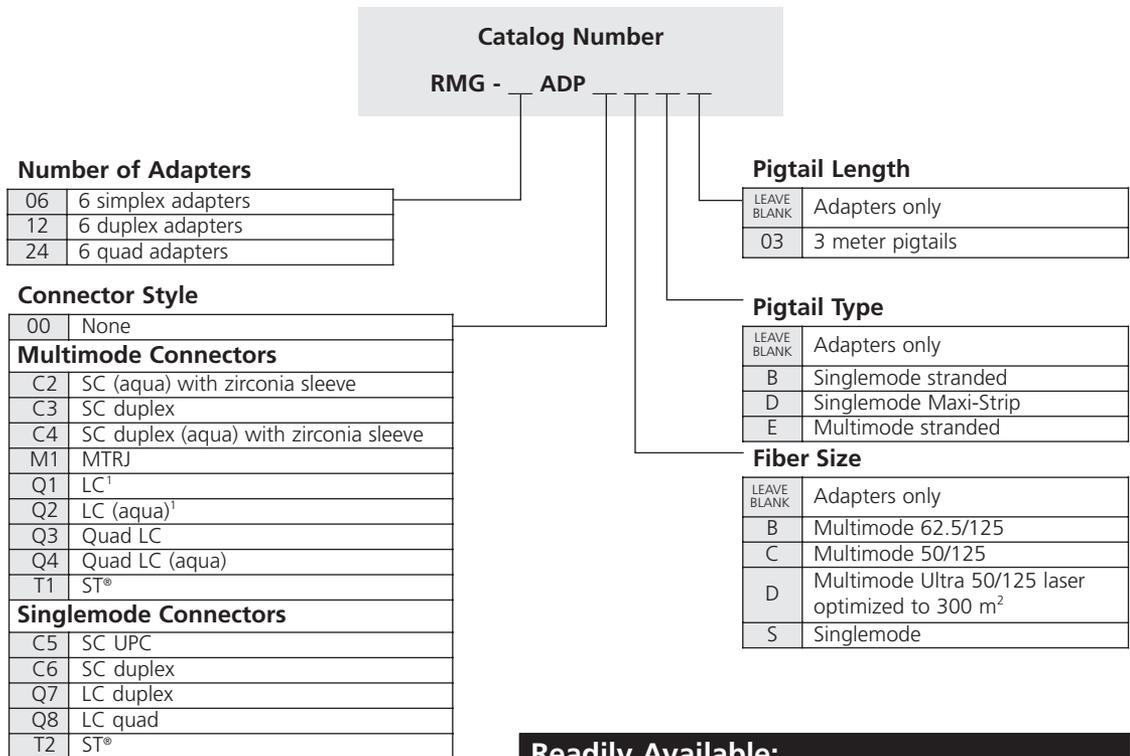
Modular Adapter Packs

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) pigtailed. 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) pigtailed 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

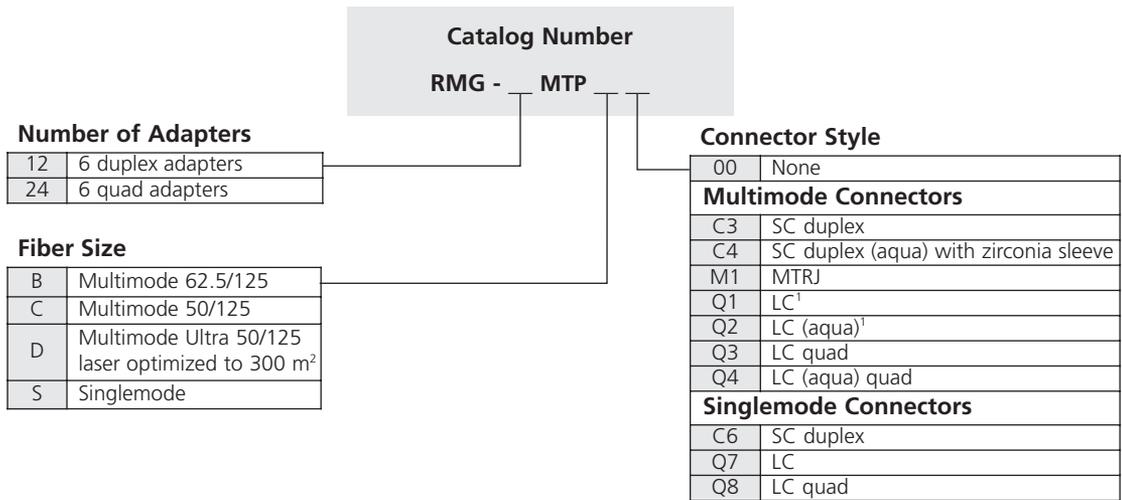
Modular MTP/MPO Cassettes

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

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| 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



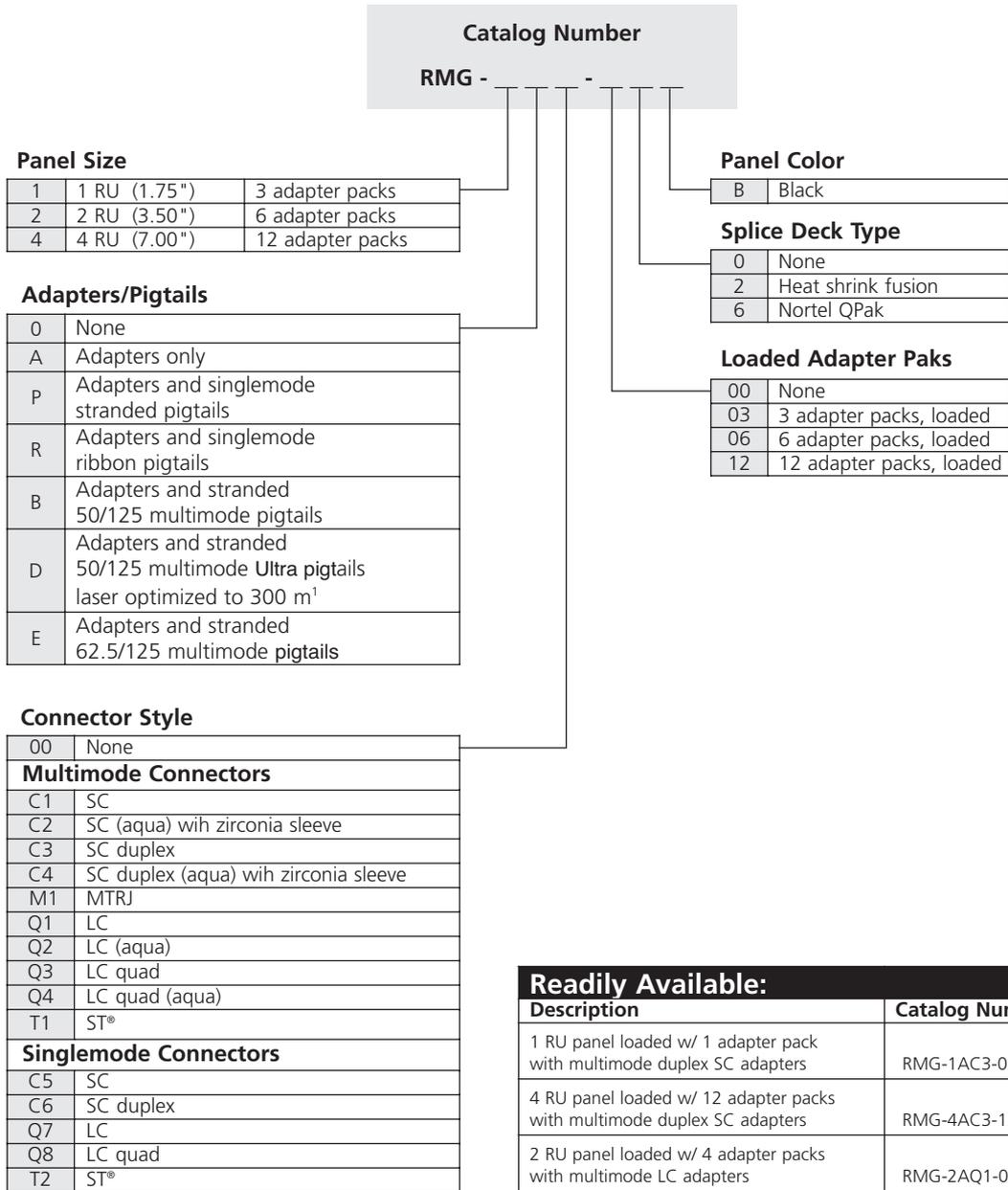
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RMG Pre-configured Panels with Adapters only or with Pigtailed

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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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 |

¹Note – 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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