

Rapid Panel

with RapidReel™ Technology



ADC's Rapid Panel is the latest innovation to emerge in the fiber optic panel market today. Serving as a key distribution point between the intermediate distribution and the main optical distribution frame, the Rapid Panel offers service providers unmatched savings in installation time, labor costs and performance.

Rapid Panel employs ADC's unique RapidReel™ payout system to deploy up to 100 ft. of dual 12-fiber 3 mm diameter cable—which means the IFC cable is always the right length. The multi-fiber cable terminates to a multi-fiber push-on connector (MPO), which enables a rapid plug-and-play connection to the main distribution frame. The MPO connector and multi-fiber cable ensure easy cable routing and handling by technicians, and offers maximum space savings for high density fiber applications. On the front of the panel, the unit features 24 accessible SC/UPC, LC/UPC or SC/APC adapter ports, which provides quick patch cord connections for service turn-ups and maintenance.

The Rapid Panel's combination of microcable, RapidReel spooling and MPO connector technology in a single panel not only relieves cable congestion but also simplifies the ordering and inventory procedures. The panel also features ADC's industry-leading cable management—providing bend radius protection, cable routing paths and physical protection for optimal network performance.

Benefits:

- **Cost Savings:** RapidReel technology reduces upfront deployment costs by eliminating site survey inspections, reducing labor hours and streamlining cable requirements
- **Speed of Deployment:** Preconnectorized plug-and-play solution eliminates splice labor requirements and speeds network construction
- **Access:** Technician friendly, front-facing interface ensures trouble-free maintenance and fast service turn-ups
- **Space Savings:** Compact Low Loss MPO connector design and multi-fiber cable is ideal for high density intrafacility applications. Excess fiber is stored within unit, no additional enclosures are required
- **Performance:** Offers superior cable management with highly reliable connectors for uninterrupted network operation supporting high quality of service

SPEC SHEET



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ADC's exclusive RapidReel™ technology speeds installation requirements and lowers deployment costs

Applications

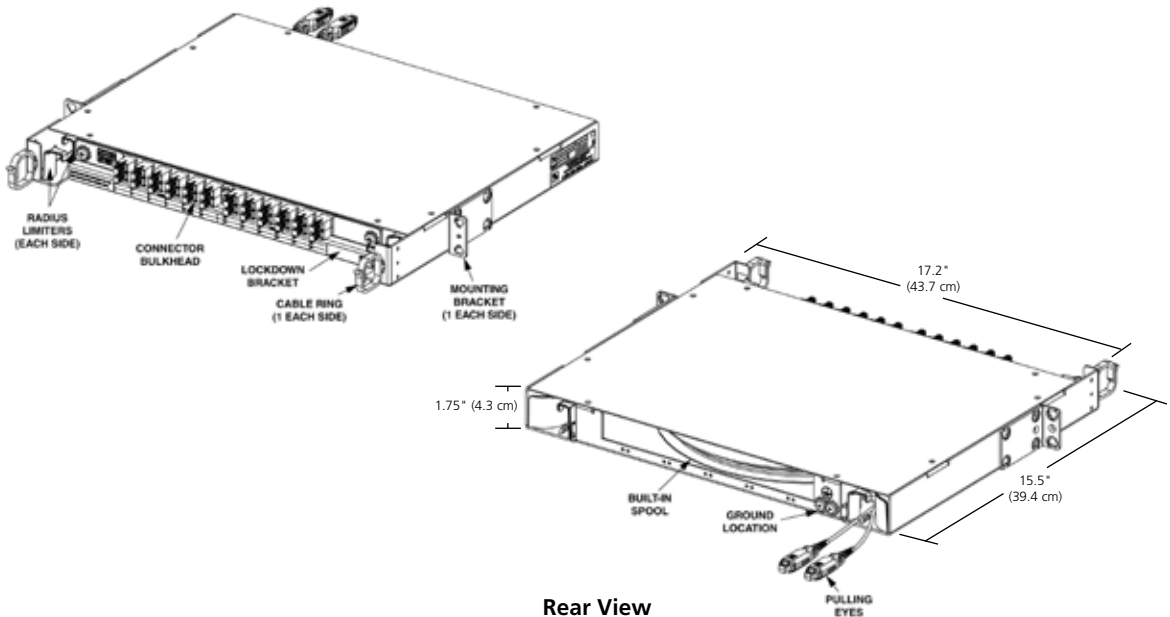
- Central Offices
- Switch Centers
- Data Centers
- Intermediate frames and panels
- Co-location environments
- Customer Premises
- Cell Sites
- Intra-building networks

Features and Benefits

- RapidReel spooling system deploys up to 100 ft. of cable and ensures IFC cable is always the right length
- GR 409 compliant, robust microcable design to fit a variety of applications and environments
- Dual 12-fiber 3 mm cable is factory terminated with a low-loss MPO connector
- Reduced bend radius fiber technology provides cable protection and eliminates concerns around proper handling, slack storage, and attenuation loss from tight bends
- Spool assembly is equipped with a pulling eye for easy cable routing and installation
- Front-facing user interface available with 24- SC/UPC, LC/UPC or SC/APC connectors
- Adjustable brackets for 19" or 23" rack mounting
- Rated for indoor environments—meets UL 1863 and NEBS Level 3 requirements for central office applications
- Seamlessly integrates with plug-and-play equipment such as ADC's NG3 and NGF fiber-frame solutions

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Main Components



Rear View



Rapid Panel

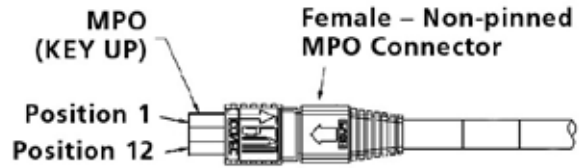
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Specifications

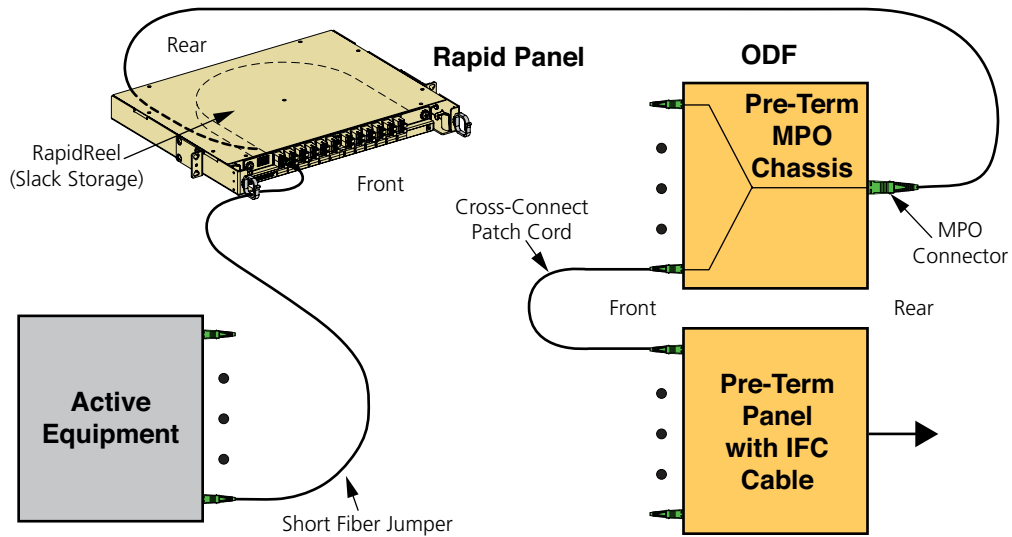
Dimensions (HxWxD):	1.75 x 17.2 x 15.5 in. (4.3 x 43.7 x 39.4 cm)
Mounting Width:	19-inch or 23-inch, EIA or WECCO
Recess Options:	2, 4 or 5 inches (5.08, 10.16 or 12.7 cm)
Weight:	8 lb. (3.63 kg), fully loaded
Front Panel Connectors:	24 SC/UPC or 24 LC/UPC or 24 SC/APC
Payout Cable Connectors:	2–12 fiber female MPO cable connectors, non-pinned
Pulling eye pull force:	40 lbs. (18.14 kg)
Pulling eye diameter:	0.72 in. (1.83 cm)
	2 pulling eyes can be pulled through a 1.1 in. (2.8 cm) diameter opening
Compliance:	UL 1863, NEBS Level 3 and GR 409

Connection Table:

Front Port SC/LC	MPO connector 1	Fiber Color
port 1	Position 1	Blue
port 2	Position 2	Orange
port 3	Position 3	Green
port 4	Position 4	Brown
port 5	Position 5	Slate
port 6	Position 6	White
port 7	Position 7	Red
port 8	Position 8	Black
port 9	Position 9	Yellow
port 10	Position 10	violet
port 11	Position 11	Rose (Pink)
port 12	Position 12	Aqua
	MPO connector 2	
port 13	Position 1	Blue
port 14	Position 2	Orange
port 15	Position 3	Green
port 16	Position 4	Brown
port 17	Position 5	Slate
port 18	Position 6	White
port 19	Position 7	Red
port 20	Position 8	Black
port 21	Position 9	Yellow
port 22	Position 10	violet
port 23	Position 11	Rose (Pink)
port 24	Position 12	Aqua



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Rapid Panel – Typical Setup Configuration

Ordering Information

Description	Catalog Number
Rapid panel; 1 RU panel, 24-position with singlemode dual 12-fiber 3 mm plenum rated cable, 100 ft, MPO connector on far end	
SC/UPC	RCP-172PUE03100
LC/UPC	RCP-1K2PUE03100
SC/APC	RCP-1J2PUE03100

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