Deployable Patch Panel (DPP) Series

Rackmount Panels

1RU DPP

4RU DPP

Deployable Patch Panel (DPP) Series Rackmount Enclosures hold one or more preterminated cable assemblies on an internal reel.

The cable is pulled off of an internal spinning reel and the remaining slack is stored safely within the panel.

This allows for one panel configuration to serve multiple deployments without the need for slack storage.

Features

- Internal spinning reel(s) store cable slack and allows one product to serve different deployment scenarios
- Top and bottom cut outs and an easy to remove front door provides generous hand access to jumpers
- Supports 48 fiber cable and has capacity for additional cable length on an external reel
- Shuttered LC adapters are VFL compatible and prevent dust ingress without dust caps
- Port labeling beside bulkheads for quick identification
- Larger DPPs feature multiple independent reels that can be installed as needed when network expansion is required
- Secure reel locking mechanism prevents reel rotation once the desired length of cable has been deployed
- Sliding adapter partition allows access to the connector on the back of the bulkhead
- Cable radius guides organize patch cords and protect the cable being pulled

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www.ariatech.com

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1RU DPP

Specifications

Rack Units	1
Dimensions (Inches)	1.75 x 17.0 x 14.0 (HxWxD)
Reel Capacity	1
Fiber Capacity	48 (LC Only)
Mounting	19” or 23” Frames
Material	1.5mm Thick Steel & Aluminum
Material Finish	Dark & Light Gray Powder Coat
Weight (lbs)	8 (With Cable)

1RU Sliding Adapter Partition for Rear Connector Access

Loosen the thumbscrews in the front of the panel using a screw driver

Pull adapter partition forward

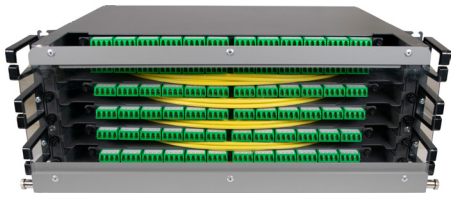
Access the connector as needed

4RU DPP

Specifications

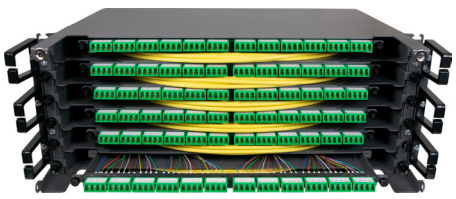
Rack Units	4
Dimensions (Inches)	7.0 x 17.0 x 14.0 (HxWxD)
Reel Capacity	6
Fiber Capacity	288 (LC Only)
Mounting	19” or 23” Frames
Material	1.5mm Thick Steel & Aluminum
Material Finish	Dark & Light Gray Powder Coat
Weight (lbs)	10 (Empty)

4RU Sliding Adapter Partition for Rear Connector Access



Open the front door and remove it if desired

Loosen the thumbscrews in the front of the panel using a screw driver



Pull adapter partition forward and access the connector as needed

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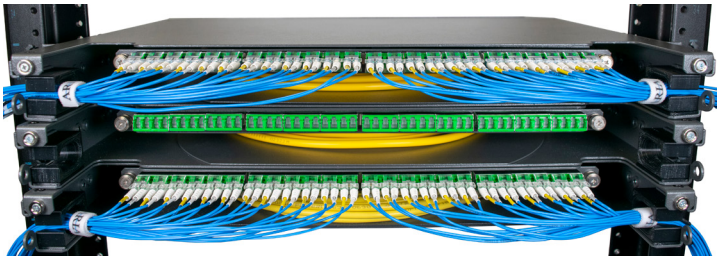
Rackmount Panels

Panel Cutouts and Removable Front Door Provide Enhanced Connector Access

When multiple DPPs are stacked, removing the front door greatly improves connector access. This is enhanced by top and bottom panel cutouts.



Open the magnetic latching front door

Pull the spring latch hinges

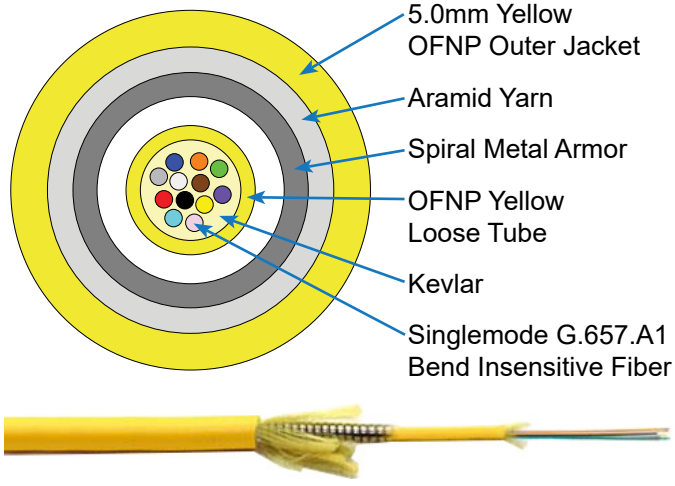
Remove the door

Internal Reel Capacities

Cable Type	Short/Long Term Max Tensile Strength (N)	Short/Long Term Crush Resistance (N/100mm)	1RU/4RU Capacity 12F (ft)	1RU/4RU Capacity 24F (ft)	1RU/4RU Capacity 48F (ft)
Indoor Plenum 3.0mm Round	100/30	500/100	200 / 150	N/A	N/A
Indoor Plenum 3x6mm Zipcord	660/200	500/100	N/A	100 / 75	50* / 38*
Indoor/Outdoor LSZH 3.6mm Round	220/70	500/100	150 / 110	150 / 110	N/A
Indoor Plenum 4.1mm Round	660/200	1,000/200	N/A	125 / 95	N/A
Indoor Plenum 4.8mm Round	660/200	1,000/200	N/A	N/A	100 / 75
Indoor/Outdoor LSZH 4.8mm Round	300/100	1000/300	N/A	N/A	100 / 75
Indoor Plenum 5.0mm Round Armored	800/400	3000/1500	100 / 75	100 / 75	50* / 38*

*This configuration is made with multiple assemblies

Armored Cable Available



Additional Cable Provided on a Reel

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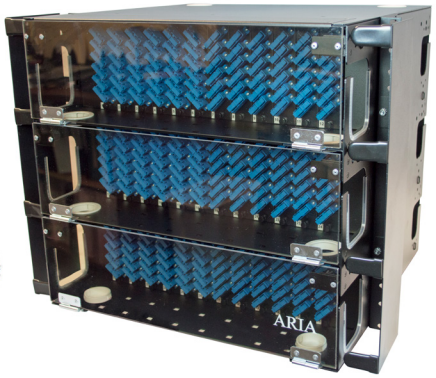
Applications

Telco Central Office - CATV Headend

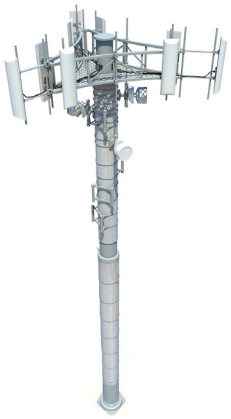
Patchcord to Active Equipment | Equipment Rack | Headend or Central Office

Data Center



Patchcord to Customer Demarc | Network Cage | Meet-me Room Colo Suite

Wireless Cell Tower



Patchcord to Active Equipment

Cell Tower Equipment Shelter

Backhaul Cabinet

Deployable Patch Panel (DPP) Series

Rackmount Panels

Part Number

DPP- _ _ _ _ _ _ _ _ _ _ _

1 2 3 4 5 6 7 8 9 10 11

1 Enclosure

1RU = 1RU Panel Only
4PO = Panel Only
4XS = Panel With X Shelves
4SO = Shelf Only

2 Fiber Count*

12 = 12F
24 = 24F
48 = 48F

*For Entire 1RU Panel or for each 4RU Shelf

3 Cable Type

Z = Zipcord Indoor OFNP
R = Round Indoor OFNP
A = Round Indoor OFNP Armored
L = Round Indoor/Outdoor LSZH

4 Fiber Type

S = SM 9/125µm G.652.D
B = SM 9/125µm Bend Insensitive G.657.A1
1 = MM 62.5/125µm OM1
2 = MM 50/125µm OM2
3 = MM 50/125µm OM3
4 = MM 50/125µm OM4

5 Polish Type at Panel End

U = Singlemode UPC
A = Singlemode APC
M = Multimode PC

6 Connector Type at Far End

SC = SC
SB = SC Uniboot*
LC = LC
FC = FC
ST = ST
MP = MPO
E2 = E2000
CS = CS*
SN = SN*
00 = No Connector

*2mm or 3mm Breakout Only
Note: Add DC to Add Duplex Clips on Non-Uniboot Connectors

6 Polish Type at Far End

U = Singlemode UPC
A = Singlemode APC*
M = Multimode PC
F = Multimode Flat**
0 = No Connector

*Unavailable for ST and Select for Singlemode MPOs
**Select for Multimode MPOs

7 LC Type at Far End

Leave Blank for Standard LC Connector or Non-LC Connector

A = 50° Boot
F = Flat Pull Tab
U = Uniboot*
P = Uniboot Polarity Switchable*
2 = Uniboot 20mm Pull Tab*
4 = Uniboot 40mm Pull Tab*
R = Uniboot Polarity Switchable with Pull Tab*
P = Uniboot Pull Boot Polarity Switchable*

*2mm or 3mm breakout only

8 MPO Type at Far End

Leave Blank for Non-MPO Connector

Choose 1 Option for Each Feature:
1 = 12 or 2 = 24 Fiber Connector
S = Standard or E = Elite Ferrule
F = Female or M = Male Guide Pins

9 Breakout Type at Far End

9 = 900µm (Color Coded)
2 = 2mm (Std. Indoor Jacket Color)
3 = 3mm (Std. Indoor Jacket Color)

10 Breakout Length at Far End

XX = Length in Inches (Typically: 18”, 24”, or 36”)

11 Cable Length

XXXXF = XXXX Feet
XXXXM = XXXX Meters

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