

TrueNet®

TFP Series Rack Mount Fiber Panels



ADC introduces the TFP Series rack mount fiber panels as an integral part of the TrueNet® Fiber product portfolio. The TFP Series fiber panels can be ordered in one, two and five rack unit sizes and are completely modular to configure to a variety of applications. The unique modular adapter packs incorporate ADC's angled adapter design to allow easy access to each port and superior cable management and bend radius protection.

Features:

- TFP panels combine the unique features of vertical cable guides and angle-left/angle-right adapters, offering bend radius protection, intuitive routing and easy connector access
- Rear access makes field termination or splicing fast and efficient. 1U and 2U versions feature convenient sliding access to terminations and splicing.
- Sold separately for maximum flexibility with minimum lead time, TFP series adapter packs can also be pre-configured at the factory for more efficient service turn-up
- 288-position high-density termination/splice in the space of just five rack units (8.75-inch)
- Panels are equipped with adjustable mounting brackets to provide either 19- or 23-inch rack or cabinet mounting (EIA or WECCO) as well as 4- or 5-inch recess mounting
- Field-installable vertical cable guides on either side of the panel provide bend radius protection and management of fibers exiting the panel

Applications and Benefits:

- Best suited for rack or cabinet mounting in Horizontal and Equipment Distribution Areas
- Modularity, functionality and density make the TFP ideal for mounting in close proximity to servers, switches, routers and SANs.

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TFP Fast Facts

	Size in Rack Units		
	1	2	5
Maximum Density			
LC connector:	48	96	288
SC style connector:	24	48	144
Adapter Pack Configuration:	2 modular adapter packs: 1 angle right/ 1 angle left	4 modular adapter packs: 2 angle right/ 2 angle left	12 modular adapter packs: 6 angle right/ 6 angle left
Compatible with ADC Glide?	Yes—vertical cable guide with the panel can be removed.		
Best Application:	Cabinets near servers, switches, routers, SANs		
Features at a Glance:	Angled left / right adapters, highest density with maximum cable management features.		

Specifications

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

Approximate weight (empty panel):

- 1 RU model:** 5 lbs
- 2 RU model:** 6.25 lbs
- 5 RU model:** 15.86 lbs

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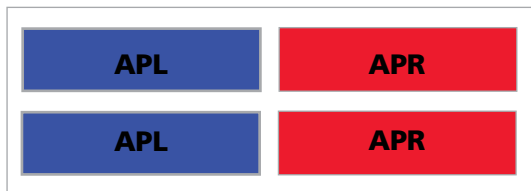
Panel Configurations

TFP Series chassis utilize modular adapter packs that are unique to either the right or left position of the chassis. The left/right position must be specified to ensure proper adapter orientation and color order in the backplane. The information below illustrates the various configurations for the three TFP chassis.

1 RU Chassis

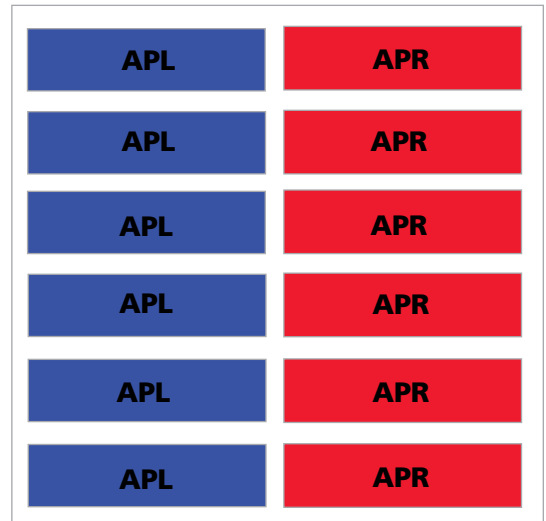


2 RU Chassis



APL = angle left adapter pack
APR = angle right adapter pack

5 RU Chassis



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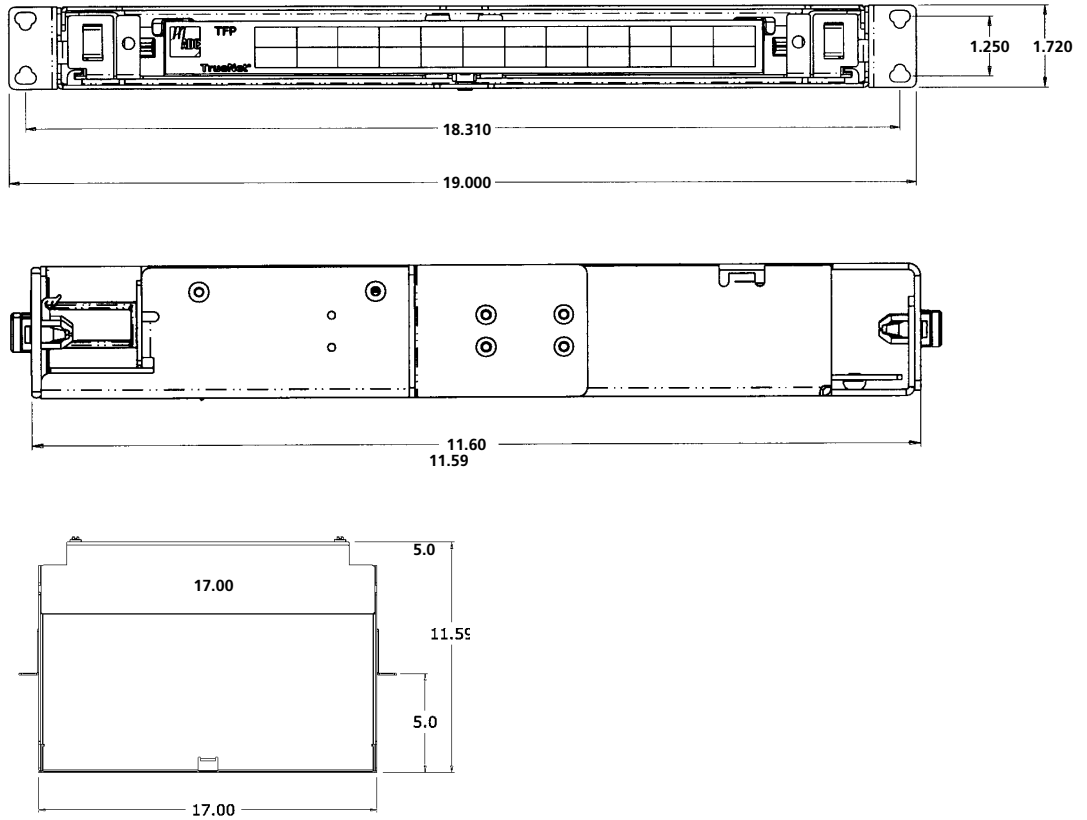


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Chassis Dimensions

1 RU Model



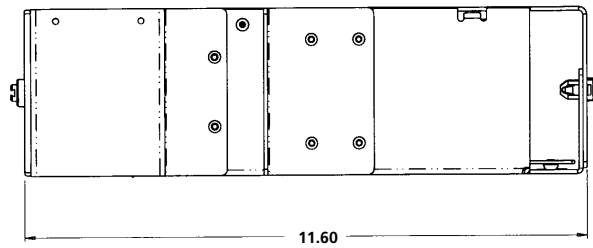
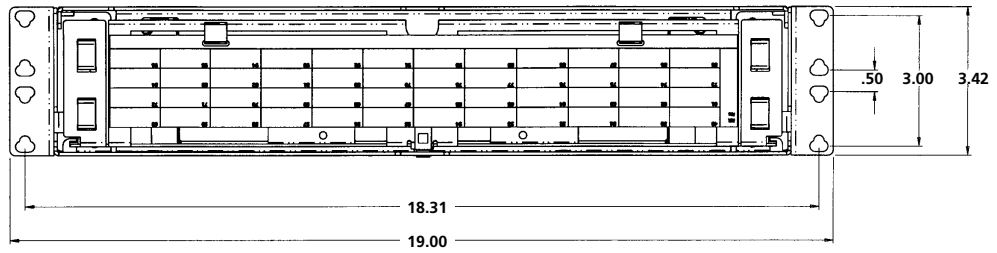
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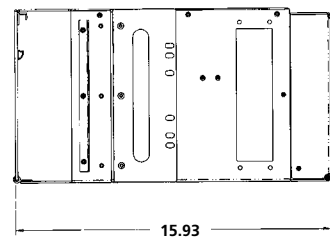
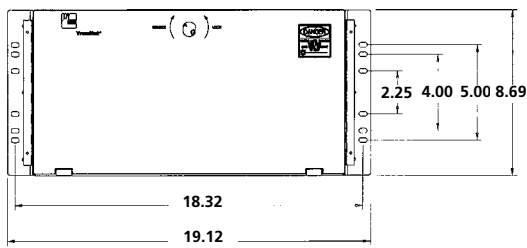
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2 RU Model



5 RU Model



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TFP Series Empty Chassis

The TFP series chassis can be purchased without adapter packs. In this form, the end-user can mix and match any combinations of modular TFP adapter packs or simply utilize a “grow as you go” approach to their network.

Ordering Information

Description	Height	Catalog Number
Termination only rack or cabinet mount panel, black 1 RU empty panel, black; accommodates 1 angle LEFT and 1 angle RIGHT adapter packs; T-handle latch close	1.75"	TFP-1UT00-000B
2 RU empty panel, black; accommodates 2 angle LEFT and 2 angle RIGHT adapter packs; T-handle latch close	3.50"	TFP-2UT00-000B
5 RU empty panel, black; accommodates 6 angle LEFT and 6 angle RIGHT adapter packs; T-handle latch close	8.75"	TFP-5TT00-000B
5 RU empty panel, black; accommodates 6 angle LEFT and 6 angle RIGHT adapter packs; key-lock close	8.75"	TFP-5LT00-000B
Accessories Heat Shrink Fusion Splice Tray		FST-HS-48
Velcro Kit for Splice Tray		TFP-VELSTP
Blank plates		TFP-00AP00

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TFP Series Standard Adapter Packs

The TFP series offers a variety of standard modular adapter packs to accommodate most applications. The modular design is user-friendly and offers maximum flexibility to the end-user. ADC's standard adapter pack offerings are multimode LC (beige), multimode LC (aqua), multimode SC duplex (beige), multimode SC duplex (aqua), singlemode LC and singlemode SC adapters with and without pigtails. (For other adapter pack offerings, see the custom configuration section).

The TFP modular adapter packs can only be used with the TFP series panels. Each adapter pack contains labels that make it able to be loaded correctly in only one side of the panel. These craft friendly labels help insure correct installation. The TFP adapter packs are not interchangeable with RMG, WMG, FL1000 or FL2000 panels.

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Ordering Information

Description	Catalog Number
Multimode Adapter only Packs	
SC duplex adapters with phosphorus/bronze sleeve, beige color 6 adapters or 12 fiber ports per adapter pack	
Angle LEFT adapter only pack	TFP-12APLC3
Angle RIGHT adapter only pack	TFP-12APRC3
SC duplex adapters with zirconia sleeve, aqua color 6 adapters or 12 fiber ports per adapter pack ¹	
Angle LEFT adapter only pack	TFP-12APLC4
Angle RIGHT adapter only pack	TFP-12APRC4
LC adapters with phosphorus/bronze sleeve, beige color 12 adapters or 24 fiber ports per adapter pack	
Angle LEFT adapter only pack	TFP-24APLQ1
Angle RIGHT adapter only pack	TFP-24APRQ1
LC adapters with zirconia sleeve, aqua color 12 adapters or 24 fiber ports per adapter pack ¹	
Angle LEFT adapter only pack	TFP-24APLQ2
Angle RIGHT adapter only pack	TFP-24APRQ2
Singlemode Adapter Packs	
SC duplex adapters with zirconia, blue color 6 adapters or 12 fiber ports per adapter pack	
Angle LEFT adapter only pack	TFP-12APLC8
Angle RIGHT adapter only pack	TFP-12APRC8
LC adapters with zirconia sleeve, blue color 12 adapters or 24 fiber ports per adapter pack	
Angle LEFT adapter only pack	TFP-24APLQ5
Angle RIGHT adapter only pack	TFP-24APRQ5

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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TFP Series Standard Adapter Packs

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Ordering Information	
Description	Catalog Number
Multimode Adapter Packs with 50/125 multimode pigtails	
SC duplex adapters with phosphorus/bronze sleeve, beige color 6 adapters or 12 fiber ports per adapter pack	
Angle LEFT adapter only pack	TFP-12APLC3CE3
Angle RIGHT adapter only pack	TFP-12APRC3CE3
LC duplex adapters with phosphorus/bronze sleeve, beige color 6 adapters or 12 fiber ports per adapter pack	
Angle LEFT adapter only pack	TFP-24APLQ1CE3
Angle RIGHT adapter only pack	TFP-24APRQ1CE3
Multimode adapter packs with 50/125 multimode pigtails laser optimized to 300 meters¹	
SC duplex adapters with zirconia sleeve, aqua color 6 adapters or 12 fiber ports per adapter pack	
Angle LEFT adapter only pack	TFP-12APLC4DE3
Angle RIGHT adapter only pack	TFP-12APRC4DE3
LC adapters with zirconia sleeve, aqua color 12 adapters or 24 fiber ports per adapter pack	
Angle LEFT adapter only pack	TFP-24APLQ2DE3
Angle RIGHT adapter only pack	TFP-24APRQ2DE3
Singlemode adapter packs with singlemode pigtails	
SC duplex adapters with zirconia, blue color 6 adapters or 12 fiber ports per adapter pack	
Angle LEFT adapter only pack	TFP-12APLC8SB3
Angle RIGHT adapter only pack	TFP-12APRC8SB3
LC adapters with zirconia sleeve, blue color 12 adapters or 24 fiber ports per adapter pack	
Angle LEFT adapter only pack	TFP-24APLQ5SB3
Angle RIGHT adapter only pack	TFP-24APRQ5SB3

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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TFP Series Custom Adapter Packs

ADC's TFP modular adapter packs are also available in additional adapter styles of 3 meter pigtails. Please note, these products are non-standard or custom configurations based on the end user's needs.

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Catalog Number
TFP - AP

Number of Fiber Ports

12	12 fiber ports: 6 LC adapters; 6 SC duplex adapters; 12 ST adapters
24	24 fiber ports: 12 LC adapters

Pack Orientation

P	Pair
L	angle left
R	angle right

Adapter Style

Multimode Connectors	
C3	SC duplex (beige) with phosphorus/bronze
C4	SC duplex (aqua) with zirconia sleeve
Q1	LC (beige) with phosphorus/bronze
Q2	LC (aqua) with zirconia sleeve
T1	ST with phosphorus/bronze sleeve
Singlemode Connectors	
C8	SC duplex (blue) with zirconia sleeve
A1	SC duplex (green) angled polished (APC) with zirconia sleeve
Q5	LC (blue) with zirconia sleeve
T2	ST with phosphorus/bronze sleeve

Pigtail Length

LEAVE BLANK	Adapters only
3	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 ultra (laser optimized to 300 meters)
S	Singlemode





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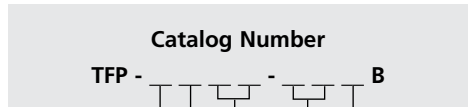
TFP Series Rack Mount Fiber Panels

Custom TFP Pre-configured Termination/Splice Fiber Panels

ADC's TFP series fiber panels are available to be shipped with factory installed adapter packs and/or preterminated pigtail assemblies which simplifies the ordering process and reduces installation and costs. These products are non-standard or custom configurations based on the end user's needs.

* Not all configurations available. Please call customer service for additional information.

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Panel Size

1U	1U (1.75")	Accommodates 2 adapter packs; T-handle latch
1L	1U (1.75")	Accommodates 2 adapter packs; key-lock latch
2U	2 RU (3.50")	Accommodates 4 adapter packs; T-handle latch
2L	2U (3.50")	Accommodates 4 adapter packs; key-lock latch
5T	5 RU (8.75")	Accommodates 12 adapter packs; T-handle latch
5L	5 RU (8.75")	Accommodates 12 adapter packs; key-lock latch

Splice Deck Type

0	None
1	Heat shrink fusion

Loaded Adapter Packs

02	2 adapter packs loaded
04	4 adapter packs loaded
06	6 adapter packs loaded
08	8 adapter packs loaded
12	12 adapter packs loaded

Panel/Pigtail Type

A	Termination only with adapter packs, no pigtails
P	Termination/Splice with adapter packs with singlemode stranded pigtails
B	Termination/Splice with adapter packs with 50/125 multimode stranded pigtails
D	Termination/Splice with adapter packs with 50/125 multimode stranded ultra pigtails (laser optimized to 300 meters)
E	Termination/Splice with adapter packs with 62.5/125 multimode stranded pigtails

Connector Style

Multimode Connectors	
C3	SC duplex (beige) with phosphorus/bronze sleeve
C4	SC duplex (aqua) with zirconia sleeve
Q1	LC (beige) with phosphorus/bronze sleeve
Q2	LC (aqua) with zirconia sleeve
T1	ST with phosphorus/bronze sleeve
Singlemode Connectors	
C8	SC duplex (blue) with zirconia sleeve
A1	SC duplex (green) angle polished (APC) with zirconia sleeve
Q5	LC (blue) with zirconia sleeve
T2	ST with phosphorus/bronze sleeve



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