ProPatch® Fiber Series

Fiber Optic Panel

In the past, connectivity product manufacturers have offered broadcasters and Multiple System Operators (MSOs) modified data center solutions or telco-based solutions in a piecemeal fashion, with limited effectiveness. Often these products were too cumbersome or not customized for the rigorous requirements imposed by broadcast and MSO scenarios.

The ADC ProPatch® Fiber (PPF) Optic Panel is the first product of its kind specifically targeted to the broadcast and MSO market spaces. It is designed to maintain the unique architecture of these fields, without requiring the users to change their industry best practices.

Features:

- Unparalleled fiber access
- Front access for easy patching
- All incoming and outgoing fiber dresses to the rear of the panel
- Utilizes ADC's sliding adaptor packs
- Flush mounting panel
- 48 fiber termination only or termination and splice capacity
- 19 inch EIA/WECO mounting
- Superior bend radius protection

Benefits:

- Conforms to broadcast requirements and aesthetics
- Fiber best practices are built into the design for maximum uptime
- Provides a lower risk of signal and downtime due to fiber attenuation
- Creates an easy and cost effective way to move a network to fiber

SPEC SHEET

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Flush mounting panel to rack rail minimizes inadvertent physical contact

Sliding adapter packs allow access to any fiber without disturbing adjacent fibers.

Specifications

PHYSICAL

Dimensions:	15.06" x 17.46" x 3.45" (38.24 cm x 44.3 cm x 3.45 cm)
Weight:	13.44 lbs

Optical Performance

Singlemode Ultra Polish Connectors (UPC)	**SC**	**LC**
Insertion Loss	0.2 dB max.	0.3 dB max.
(1310 and 1550 nm)	0.09 dB typical	0.1 dB typical
Return Loss	-57 dB min	-55 dB min
(1310 and 1550 nm)		
Fiber Recess	± 50 nm	-100 to +50 nm
Apex Offset	50 µm max	50 µm max
Radius of Curvature	10-25 mm	10-25 mm
Singlemode Angled Polish Connectors (APC)	**SC**	**LC**
Insertion Loss	0.35 dB max	0.35 dB max
(1310 and 1550 nm)	0.15 dB typical	0.15 dB typical
Return Loss	-65 dB min	-65 dB
(1310 and 1550 nm)		
Polished Endface Radius	5 - 15 mm	5 - 12 mm
Fiber Recess	-100 to +50 nm	±50 nm
Apex Offset	50 µm	±50 µm
Endface Angle	8° ± 0.5	8° ± 0.5
Multimode Ultra Polish Connectors	**SC**	**LC**
Insertion Loss	0.3 dB max	0.3 dB max
(1300 nm)		
Return Loss	-20 dB min	-20 dB max
(1300 nm)		

6/09 • 107119AE

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Ordering Information

Description	Catalog Number
VAM Panel	
The VAM panel holds up to 10 ADC MicroVAM splitter modules. Black.	PPF-000000-V-0
The VAM panel holds up to 10 ADC MicroVAM splitter modules. Putty.	PPF-000000-V-0-PTY
Termination Only Panels[1]; Black	
Empty Panel	
Base Chassis; Accommodates 8 6-port LC or SC sliding adapter packs	PPF-000000-T-0
Singlemode	
SC ultra polish (SC/UPC) adapter only panel loaded with 48 ports	PPF-0SCUPC-T-0
SC angle polish (SC/APC) adapter only panel loaded with 48 ports	PPF-0SCAPC-T-0
LC ultra polish (LC/UPC) adapter only panel loaded with 48 ports	PPF-0LCUPC-T-0
LC angle polish (LC/APC) adapter only panel loaded with 48 ports	PPF-0LCAPC-T-0
Multimode[2]	
SC aqua adapter only panel loaded with 48 ports	PPF-0SCMMA-T-0
LC aqua adapter only panel loaded with 48 ports	PPF-0LCMMA-T-0
Sliding Adapter Packs	
Singlemode	
SC ultra polish (SC/UPC); 6 ports	FMT-6SAP07
SC angle polish (SC/APC); 6 ports	FMT-6SAP0J
LC ultra polish (LC/UPC); 6 ports	FMT-6SAP08
LC angle polish (LC/APC); 6 ports	FMT-6SAP0Z
Multimode[2]	
SC aqua; 6 ports	FMT-6SAP09-A
LC aqua; 6 ports	FMT-6SAP06-A
Termination/Splice Panels[1]; Black	
Singlemode	
SC ultra polish (SC/UPC) panel loaded with 48 adapter ports and singlemode stranded softwall bundle (SWB) pigtails and 4 heat shrink splice trays	PPF-SSCUPC-S-2
SC angle polish (SC/APC) panel loaded with 48 adapter ports and singlemode stranded softwall bundle (SWB) pigtails and 4 heat shrink splice trays	PPF-SSCAPC-S-2
LC ultra polish (LC/UPC) panel loaded with 48 adapter ports and singlemode stranded softwall bundle (SWB) pigtails and 4 heat shrink splice trays	PPF-SLCUPC-S-2
LC angle polish (LC/APC) panel loaded with 48 adapter ports and singlemode stranded softwall bundle (SWB) pigtails and 4 heat shrink splice trays	PPF-SLCAPC-S-2
Multimode (50/125 Laser Optimized Multimode 300m – OM3 rated)[2]	
SC aqua panel loaded with 48 adapter ports and multimode (OM3) stranded softwall bundle (SWB) pigtails and 4 heat shrink splice trays	PPF-MSCMMA-S-2
LC aqua panel loaded with 48 adapter ports and multimode (OM3) stranded softwall bundle (SWB) pigtails and 4 heat shrink splice trays	PPF-MLCMMA-S-2

[1] Also available in putty white. Contact ADC for catalog information or other custom configurations.
[2] ADC recommends the use of aqua adapters to identify 10Gigabit or OM3 rated circuits.

6/09 • 107119AE

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