

FSP 3000CC modules

Release	Family	Module	2G FC	4G FC	8G FC	10G FC	16G FC	32G FC	64G FC
7.1.2									
Line cards	S-Flex	SF-D19DCT-G					X	X	X
		SF-D19DCT-A					X	X	X
		SF-D19DCT					X	X	X
	OpenFab	MA-2C5LT			X		X	X	
		MA-B5LT			X		X	X	
	CryptoMux	MA-2C2C3LT-A			X		X	X	
		MA-B2C3LT-A			X		X	X	
Protection	OPPM	OPPM-F			X		X	X	X

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Release	Family	Module	2G FC	4G FC	8G FC	10G FC	16G FC	32G FC	64G FC
24.1.2									
	10TCE	10TCE-PCN-16GU+100G			X	X	X		
		10TCE-PCN-16GU+AES100G			X	X	X		
		10TCE-PCN-16GU+AES100G-BSI			X	X	X		
		10TCE-PCN-16GU+AES100G-F			X	X	X		
	4TCC	4TCC-PCN-32GU+AES100G						X	
		4TCC-PCN-32GU+AES100G-G						X	
	9TCE	9TCE-PCN-10GU+AES10G-F			X				
		9TCE-PCN-10GU+AES10G-G			X				
		9TCE-PCN-10GU+AES10G		X	X				
		9TCE-PCN-10GU+10G		X	X				
	6WCA	6WCA-PCN-28GU		X	X		X		
Protection	OPPM	OPPM		X	X	X	X	X	

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Release	Family	Module	2G FC	4G FC	8G FC	10G FC	16G FC	32G FC	64G FC
6.1.2									
Line cards	S-Flex	SF-D19DCT-A					X	X	X
		SF-D19DCT					X	X	X
	OpenFab	MA-2C5LT			X		X	X	
		MA-B5LT			X		X	X	
	CryptoMux	MA-2C2C3LT-A			X		X	X	
		MA-B2C3LT-A			X		X	X	
Protection	OPPM	OPPM-F			X		X	X	X

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Release	Family	Module	2G FC	4G FC	8G FC	10G FC	16G FC	32G FC	64G FC
23.1.1									
Line cards	5TCE	5TCE-PCTN-10GU+10G-xx#Dy	X	X	X	X			
		5TCE-PCTN-10GU+AES10G-xx#Dy	X	X	X	X			
		5TCE-PCN-10GU+10G	X	X	X	X			
		5TCE-PCN-10GU+AES10G	X	X	X	X			
	10TCE								
		10TCE-PCN-16GU+100G			X	X	X		
		10TCE-PCN-16GU+AES100G			X	X	X		
		10TCE-PCN-16GU+AES100G-BSI			X	X	X		
		10TCE-PCN-16GU+AES100G-F			X	X	X		
	4TCC	4TCC-PCN-32GU+AES100G						X	
		4TCC-PCN-32GU+AES100G-G						X	
	9TCE	9TCE-PCN-10GU+AES10G-F			X				

		9TCE-PCN-10GU+AES10G-G			X				
		9TCE-PCN-10GU+AES10G	X	X	X				
		9TCE-PCN-10GU+10G	X	X	X				
	4TCA	4TCA-PCN-4GU+4G	X	X					
	2WCA	2WCA-PCN-10G		X	X	X			
	4WCE	4WCE-PCN-16GFC			X		X		
	5WCA	5WCA-PCN-16GU			X		X		
	6WCA	6WCA-PCN-28GU		X	X		X		
Protection	RSM	RSM-OLM#1630	X	X	X	X	X	X	
	OPPM	OPPM	X	X	X	X	X	X	

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Release	Family	Module	2G FC	4G FC	8G FC	10G FC	16G FC	32G FC	64G FC
5.5.1 / 5.5.2									
Line cards	S-Flex	SF-D19DCT-A					X	X	X
		SF-D19DCT					X	X	X
	OpenFab	MA-2C5LT			X		X	X	
		MA-B5LT			X		X	X	
	CryptoMux	MA-2C2C3LT-A			X		X	X	
		MA-B2C3LT-A			X		X	X	
Protection	OPPM	OPPM-F			X		X	X	X

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Release	Family	Module	2G FC	4G FC	8G FC	10G FC	16G FC	32G FC	64G FC
22.5.2 / 22.5.3									
Line cards	5TCE	5TCE-PCTN-10GU+10G-xx#Dy	X	X	X	X			
		5TCE-PCTN-10GU+AES10G-xx#Dy	X	X	X	X			
		5TCE-PCN-10GU+10G	X	X	X	X			

		5TCE-PCN-10GU+AES10G	X	X	X	X			
	10TCE								
		10TCE-PCN-16GU+100G			X	X	X		
		10TCE-PCN-16GU+AES100G			X	X	X		
		10TCE-PCN-16GU+AES100G-BSI			X	X	X		
		10TCE-PCN-16GU+AES100G-F			X	X	X		
	4TCC	4TCC-PCN-32GU+AES100G						X	
		4TCC-PCN-32GU+AES100G-G						X	
	9TCE	9TCE-PCN-10GU+AES10G-F			X				
		9TCE-PCN-10GU+AES10G-G			X				
		9TCE-PCN-10GU+AES10G	X	X	X				
		9TCE-PCN-10GU+10G	X	X	X				
	4TCA	4TCA-PCN-4GU+4G	X	X					
	2WCA	2WCA-PCN-10G		X	X	X			
	4WCE	4WCE-PCN-16GFC			X		X		
	5WCA	5WCA-PCN-16GU			X		X		
	6WCA	6WCA-PCN-28GU		X	X		X		
Protection	RSM	RSM-OLM#1630	X	X	X	X	X	X	
	OPPM	OPPM	X	X	X	X	X	X	

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Release	Family	Module	2G FC	4G FC	8G FC	10G FC	16G FC	32G FC
5.1.1 / 5.1.3								
	OpenFab	MA-2C5LT			X		X	X
		MA-B5LT			X		X	X
	CryptoMux	MA-2C2C3LT-A			X		X	X
		MA-B2C3LT-A			X		X	X

		QuadFlex*	MP-2B4CT					
FSP 3000								
Release	Family	Module	2G FC	4G FC	8G FC	10G FC	16G FC	32G FC
22.1.1 /22.1.3								
	5TCE	5TCE-PCTN-10GU+10G-xx#Dy	X	X	X	X		
		5TCE-PCTN-10GU+AES10G-xx#Dy	X	X	X	X		
		5TCE-PCN-10GU+10G	X	X	X	X		
		5TCE-PCN-10GU+AES10G	X	X	X	X		
	10TCE	10TCE-PCN-16GU+100G			X	X	X	
		10TCE-PCN-16GU+AES100G			X	X	X	
		10TCE-PCN-16GU+AES100G-BSI			X	X	X	
		10TCE-PCN-16GU+AES100G-F			X	X	X	
	4TCC	4TCC-PCN-32GU+AES100G						X
		4TCC-PCN-32GU+AES100G-G						X
	9TCE	9TCE-PCN-10GU+AES10G-F			X			
		9TCE-PCN-10GU+AES10G-G			X			
		9TCE-PCN-10GU+AES10G			X			
		9TCE-PCN-10GU+10G			X			
	4TCA	4TCA-PCN-4GU+4G	X	X				
	2WCA	2WCA-PCN-10G		X	X	X		
	4WCE	4WCE-PCN-16GFC			X		X	
	5WCA	5WCA-PCN-16GU			X		X	
	6WCA	6WCA-PCN-28GU		X	X		X	
Protection	RSM	RSM-OLM#1630	X	X	X	X	X	X
	OPPM	OPPM	X	X	X	X	X	X
FSP 3000CC modules								
Release	Family	Module	2G FC	4G FC	8G FC	10G FC	16G FC	32G FC
21.1.1								

OpenFab	MA-2C5LT	X		X	X
	MA-B5LT	X		X	X
CryptoMux	MA-2C2C3LT-A	X		X	X
	MA-B2C3LT-A	X		X	X
QuadFlex*	MP-2B4CT				
TeraFlex*	MP-2D12CT				

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Release	Family	Module	2G FC	4G FC	8G FC	10G FC	16G FC	32G FC
21.1.1								
	5TCE	5TCE-PCTN-10GU+10G-xx#Dy	X	X	X	X		
		5TCE-PCTN-10GU+AES10G-xx#Dy	X	X	X	X		
		5TCE-PCN-10GU+10G	X	X	X	X		
		5TCE-PCN-10GU+AES10G	X	X	X	X		
	10TCE	10TCE-PCN-16GU+100G			X	X	X	
		10TCE-PCN-16GU+AES100G			X	X	X	
		10TCE-PCN-16GU+AES100G-BSI			X	X	X	
		10TCE-PCN-16GU+AES100G-F			X	X	X	
	4TCC	4TCC-PCN-32GU+AES100G						X
		4TCC-PCN-32GU+AES100G-G						X
	9TCE	9TCE-PCN-10GU+AES10G-F			X			
		9TCE-PCN-10GU+AES10G-G			X			
		9TCE-PCN-10GU+AES10G			X			
		9TCE-PCN-10GU+10G			X			
	4TCA	4TCA-PCN-4GU+4G	X	X				
	2WCA	2WCA-PCN-10G		X	X	X		
	4WCE	4WCE-PCN-16GFC			X		X	
	5WCA	5WCA-PCN-16GU			X		X	
Protection	RSM	RSM-OLM#1630	X	X	X	X	X	X

OPPM	OPPM	X	X	X	X	X	X
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FSP 3000CC modules

Release	Family	Module	2G FC	4G FC	8G FC	10G FC	16G FC	32G FC		
19.1.2 / 19.3.1 / 19.3.2										
	OpenFab	MA-2C5LT			X		X	X		
		MA-B5LT			X		X	X		
	CryptoMux	MA-2C2C3LT-A			X		X	X		
		MA-B2C3LT-A			X		X	X		
	QuadFlex*	MP-2B4CT								
	TeraFlex*	MP-2D12CT								

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Release	Family	Module	2G FC	4G FC	8G FC	10G FC	16G FC	32G FC
19.1.2 / 19.3.1 / 19.3.2								
	5TCE	5TCE-PCTN-10GU+10G-xx#Dy	X	X	X	X		
		5TCE-PCTN-10GU+AES10G-xx#Dy	X	X	X	X		
		5TCE-PCN-10GU+10G	X	X	X	X		
		5TCE-PCN-10GU+AES10G	X	X	X	X		
	10TCE	10TCE-PCN-10G+100G			X			
		10TCE-PCN-16GU+100G			X		X	
		10TCE-PCN-16GU+AES100G			X	X	X	
		10TCE-PCN-16GU+AES100G-BSI			X	X	X	
		10TCE-PCN-16GU+AES100G-F			X	X	X	
	4TCC	4TCC-PCN-32GU+AES100G						X
		4TCC-PCN-32GU+AES100G-G						X
	9TCE	9TCE-PCN-10GU+AES10G-F			X			
		9TCE-PCN-10GU+AES10G-G			X			
		9TCE-PCN-10GU+AES10G			X			
		9TCE-PCN-10GU+10G			X			

	4TCA	4TCA-PCN-4GU+4G	X	X				
	2WCA	2WCA-PCN-10G		X	X	X		
	4WCE	4WCE-PCN-16GFC			X		X	
	5WCA	5WCA-PCN-16GU			X		X	
Protection	RSM	RSM-OLM#1630	X	X	X	X	X	X
	OPPM	OPPM	X	X	X	X	X	X

FSP 3000CC modules

Release	Family	Module	2G FC	4G FC	8G FC	10G FC	16G FC	32G FC
18.2.2								
	OpenFab	MA-2C5LT			X		X	X
		MA-B5LT			X		X	X
	CryptoMux	MA-2C2C3LT-A			X		X	X
		MA-B2C3LT-A			X		X	X
	QuadFlex*	MP-2B4CT						

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Release	Family	Module	2G FC	4G FC	8G FC	10G FC	16G FC	32G FC
18.2.2								
	5TCE	5TCE-PCTN-10GU+10G-xx#Dy	X	X	X	X		
		5TCE-PCTN-10GU+AES10G-xx#Dy	X	X	X	X		
		5TCE-PCN-10GU+10G	X	X	X	X		
		5TCE-PCN-10GU+AES10G	X	X	X	X		
	10TCE	10TCE-PCN-10G+100G			X			
		10TCE-PCN-16GU+100G			X	X	X	
		10TCE-PCN-16GU+AES100G			X	X	X	
		10TCE-PCN-16GU+AES100G-BSI			X	X	X	
		10TCE-PCN-16GU+AES100G-F			X	X	X	
	9TCE	9TCE-PCN-10GU+AES10G-F			X			

	4TCA	4TCA-PCN-4GU+4G	X	X				
	2WCA	2WCA-PCN-10G		X	X	X		
	4WCE	4WCE-PCN-16GFC			X		X	
	5WCA	5WCA-PCN-16GU			X		X	
Protection	RSM	RSM-OLM#1630	X	X	X	X	X	X
	OPPM	OPPM	X	X	X	X	X	X

FSP 3000CC modules

Release	Family	Module	2G FC	4G FC	8G FC	10G FC	16G FC	32G FC
17.2.2 / 17.2.3								
	OpenFab	MA-2C5LT			X		X	X
	QuadFlex*	MP-2B4CT						

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Release	Family	Module	2G FC	4G FC	8G FC	10G FC	16G FC	32G FC
17.2.2 / 17.2.3								
	5TCE	5TCE-PCTN-10GU+10G-xx#Dy	X	X	X	X		
		5TCE-PCTN-10GU+AES10G-xx#Dy	X	X	X	X		
		5TCE-PCN-10GU+10G	X	X	X	X		
		5TCE-PCN-10GU+AES10G	X	X	X	X		
	10TCE	10TCE-PCN-10G+100G			X			
		10TCE-PCN-16GU+100G			X	X	X	
		10TCE-PCN-16GU+AES100G			X	X	X	
		10TCE-PCN-16GU+AES100G-BSI			X	X	X	
		10TCE-PCN-16GU+AES100G-F			X	X	X	
	9TCE	9TCE-PCN-10GU+AES10G-F			X			
	4TCA	4TCA-PCN-4GU+4G	X	X				
	2WCA	2WCA-PCN-10G		X	X	X		
	4WCE	4WCE-PCN-16GFC			X		X	
	5WCA	5WCA-PCN-16GU			X		X	

Protection	RSM	RSM-OLM#1630	X	X	X	X	X	X
	OPPM	OPPM	X	X	X	X	X	X
16.1.4								
	5TCE	5TCE-PCTN-10GU+10G-xx#Dy	X	X	X	X		
		5TCE-PCTN-10GU+AES10G-xx#Dy	X	X	X	X		
		5TCE-PCN-10GU+10G	X	X	X	X		
		5TCE-PCN-10GU+AES10G	X	X	X	X		
	10TCE	10TCE-PCN-10G+100G			X			
		10TCE-PCN-16GU+100G			X	X	X	
		10TCE-PCN-16GU+AES100G			X	X	X	
		10TCE-PCN-16GU+AES100G-BSI			X	X	X	
	4TCA	4TCA-PCN-4GU+4G	X	X				
	2WCA	2WCA-PCN-10G		X	X	X		
	4WCE	4WCE-PCN-16GFC			X		X	
	5WCA	5WCA-PCN-16GU			X		X	
Protection	RSM	RSM-OLM#1630	X	X	X	X	X	
	OPPM	OPPM	X	X	X	X	X	

Configuration settings and Brocade application support notes (best practice)

- Set all ports speeds fix
- For long-distance, use a fixed mode like LS
- RSM and OPPM based protection/restoration is available for all modules
- For special features like e.g. frame based trunking, QOS please contact your Adtran representative for support and technical guidance

* QuadFlex and TeraFlex module is used only as a transport card for OTU-4 based signals, there was no direct client support for QuadFlex tested.

Detailed test reports including switch settings are available on request, please use our web form