

FSP 3000CC modules

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	

### FSP 3000CC modules

Release	Family	Module	2G FC	4G FC	8G FC	10G FC	16G FC	32G FC
<b>5.1.1 / 5.1.3</b>								
	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
<b>22.1.1 / 22.1.3</b>								
	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
<b>21.1.1</b>								
	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
<b>21.1.1</b>								
	5TCE	5TCE-PCTN-10GU+10G-xx#Dy	X	X	X	X		

	5TCE-PCN-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-PCN-16GU+100G			X	X	X	
10TCE	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-PCN-10GU+AES10G-F			X			
9TCE	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
	OPPM	OPPM	X	X	X	X	X

## 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						

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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	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
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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	
9TCE		10TCE-PCN-16GU+AES100G-F			X	X	X	
		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								

FSP 3000								
Release	Family	Module	2G FC	4G FC	8G FC	10G FC	16G FC	32G FC
	OpenFab	MA-2C5LT			X		X	X
	QuadFlex*	MP-2B4CT						
<b>17.2.2 / 17.2.3</b>								
	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	
	9TCE	9TCE-PCN-16GU+AES100G-F			X	X	X	
		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
<b>16.1.4</b>								
	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, please contact your ADVA 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**