

# Brocade VDX Transceiver Support Matrix



VDX 8770  
(48 × 10 GbE/  
1 GbE SFP+  
module)



VDX 8770  
(12 × 40 GbE QSFP+module)










VDX 8770  
(27 × 40 GbE QSFP+module)



VDX 8770  
BR-DX8770-6X100G-  
CFP2-1  
(6 × 100 GbE CFP2 module)

Description	Manufacturing Part Number	Brocade Orderable Part Number	VDX 6740	VDX 6740T	VDX 6940 - 36Q	VDX 6940 - 144S	VDX 8770 (48 × 10 GbE/ 1 GbE SFP+ module)	VDX 8770 (12 × 40 GbE QSFP+module)	VDX 8770 (27 × 40 GbE QSFP+module)	VDX 8770 (6 × 100 GbE CFP2 module)
<b>1 GbE SFP</b>										
1000Base-SX (OM)	33210-100	EIMG-SX-OM (1-pack) EIMG-SX-OM-8 (8-pack)	●			NOS v6.0.1a	●			
1000Base-LX (OM)	33211-100	EIMG-LX-OM (1-pack) EIMG-LX-OM-8 (8-pack)	●			NOS v6.0.1a	●			
1000Base-T (copper)	57-1000042-01	XBR-000190	1 GbE			NOS v6.0.2	1 GbE			
<b>8 GFC SFP+ (Fibre Channel)</b>										
8 Gbit/sec SWL	57-1000117-01	XBR-000163 (1-pack) XBR-000164 (8-pack)				NOS 5.0				
<b>10 GbE SFP+ (All Optical Monitoring)</b>										
10 GbE SR SFP+	57-0000075-01	10G-SFPP-SR (1-pk) 10G-SFPP-SR-8 (8-pk)	●	● 1		NOS v6.0.1	●		● 1	
10 GbE LR SFP+	57-0000076-01	10G-SFPP-LR (1-pk) 10G-SFPP-LR-8 (8-pk)	●	● 1		NOS v6.0.1	●		● 1	
10GBase-ER SFP+	57-0000085-01	10G-SFPP-LR (1-pk) 10G-SFPP-LR-8 (8-pk)	●			NOS v6.0.1	●			
10GBase-USR SFP+	57-1000130-01	10G-SFPP-ER (1-pk)	●	● 1		NOS v6.0.1	●		● 1	
10GBase-ZR 80km SFP+	57-1000180-01	10G-SFPP-ZR				NOS v6.0.1	NOS v6.0.1			
10GBase-ZRD Tunable DWDM 80km SFP+	57-1000266-01	10G-SFPP-ZRD-T				NOS v70.0	NOS v70.0			
<b>Smartoptics 10 GbE CWDM (Parts must be purchased directly from SmartOptics)</b>										
SO-10GE-ZR-C47 10 Gbps CWDM 1470 nm wavelength (70 km)						NOS v6.0.1	NOS v6.0.1		NOS v6.0.1	
SO-10GE-ZR-C49 10 Gbps CWDM 1490 nm wavelength (70 km)						NOS v6.0.1	NOS v6.0.1		NOS v6.0.1	
SO-10GE-ZR-C51 10 Gbps CWDM 1510 nm wavelength (70 km)						NOS v6.0.1	NOS v6.0.1		NOS v6.0.1	
SO-10GE-ZR-C53 10 Gbps CWDM 1530 nm wavelength (70 km)						NOS v6.0.1	NOS v6.0.1		NOS v6.0.1	
S-10GE-ZR-C55 10 Gbps CWDM 1550 nm wavelength (70 km)						NOS v6.0.1	NOS v6.0.1		NOS v6.0.1	
SO-10GE-ZR-C57 10 Gbps CWDM 1570 nm wavelength (70 km)						NOS v6.0.1	NOS v6.0.1		NOS v6.0.1	
SO-10GE-ZR-C59 10 Gbps CWDM 1590 nm wavelength (70 km)						NOS v6.0.1	NOS v6.0.1		NOS v6.0.1	
SO-10GE-ZR-C61 10 Gbps CWDM 1610 nm wavelength (70 km)						NOS v6.0.1	NOS v6.0.1		NOS v6.0.1	
<b>10 GbE SFP+ Direct Attached Cables</b>										
1 m cable Twinax copper	58-1000026-01	10G-SFPP-TWX-0101 (1-pack) 10G-SFPP-TWX-0108 (8-pack)	●			NOS v6.0.1	●			
3 m cable Twinax copper	58-1000027-01	10G-SFPP-TWX-0301 (1-pack) 10G-SFPP-TWX-0308 (8-pack)	●			NOS v6.0.1	●			
5 m cable Twinax copper	58-1000023-01	10G-SFPP-TWX-0501 (1-pack) 10G-SFPP-TWX-0508 (8-pack)	●			NOS v6.0.1	●			
7 m active optical cable	57-1000273-01	10GE-SFPP-AOC-0701 (1-pack)				NOS 4.1.2a	NOS v6.0.1		NOS 4.1.2a	
10 m active optical cable	57-1000274-01	10GE-SFPP-AOC-1001 (1-pack)				NOS 4.1.2a	NOS v6.0.1		NOS 4.1.2a	

# Brocade VDX Transceiver Support Matrix (continued)

Description	Manufacturing Part Number	Brocade Orderable Part Number	 VDX 6740	 VDX 6740T	 VDX 6940 - 36Q	 VDX 6940 - 144S	 VDX 8770 (48 x 10 GbE/ 1 GbE SFP+ module)	 VDX 8770 (12 x 40 GbE QSFP+module) VDX 8770 (27 x 40 GbE QSFP+module)	 VDX 8770 BR-DX8770-6X100G-CFP2-1 (6 x 100 GbE CFP2 module)	
<b>40GBASE QSFP+ Direct Attach Cables</b>										
4 x 10 GbE QSFP+ to 4 SFP+ copper cable - 1 m	58-0000051-01	40G-QSFP-4SFP-C-0101 (1-pack)	NOS 4.1.0	NOS 4.1.0	NOS 6.0.1	NOS 6.0.1		NOS 4.2		
4 x 10 GbE QSFP+ to 4 SFP+ copper cable - 3 m	58-0000052-01	40G-QSFP-4SFP-C-0301 (1-pack)	NOS 4.1.0	NOS 4.1.0	NOS 6.0.1	NOS 6.0.1		NOS 4.2		
4 x 10 GbE QSFP+ to 4 SFP+ copper cable - 5 m	58-0000053-01	40G-QSFP-4SFP-C-0501 (1-pack)	NOS 4.1.0	NOS 4.1.0	NOS 6.0.1	NOS 6.0.1		NOS 4.2		
4 x 10 GbE QSFP to 4 SFP+ cable - 10 m AOC	57-1000307-01	40G-QSFP-4SFP-AOC-1001 (1-pack)	NOS 6.0.1	NOS 6.0.1	NOS 6.0.1	NOS 6.0.1		NOS 6.0.1		
40 GbE QSFP to QSFP Active copper cable - 1 m	58-0000041-01	40G-QSFP-QSFP-C-0101 (1-pack)	NOS 4.1.0	NOS 4.1.0	NOS 6.0.1	NOS 6.0.1		NOS 4.2		
40 GbE QSFP to QSFP Active copper cable - 3 m	58-0000042-01	40G-QSFP-QSFP-C-0301 (1-pack)	NOS 4.1.0	NOS 4.1.0	NOS 6.0.1	NOS 6.0.1		NOS 4.2		
40 GbE QSFP to QSFP cable - 10 m AOC	57-1000306-01	40G-QSFP-QSFP-AOC-1001 (1-pack)	NOS 6.0.1	NOS 6.0.1	NOS 6.0.1	NOS 6.0.1		NOS 6.0.1		
<b>40 GbE QSFP+ (All Optical Monitoring)</b>										
40GBase-SR4 QSFP+ (Module, standard version, non-breakout)	57-1000128-01	40G-QSFP-SR4	●	●	NOS 6.0.1	NOS v6.0.1		NOS 4.2		
40GBase-SR4 QSFP+ (Module, breakout)	57-1000129-01	40G-QSFP-SR4-INT	●	●	NOS 6.0.1	NOS v6.0.1		NOS 4.2		
40GBase-eSR4 QSFP+ (Module)	57-1000296-01	40G-QSFP-eSR4	NOS 4.1.2a	NOS 4.1.2a	NOS 6.0.1	NOS v6.0.1		NOS 4.2		
40GBase-LM4 QSFP+ (Module)	57-1000325-01	40G-QSFP-LM4	NOS 5.0.1b	NOS 5.0.1b	NOS 6.0.1	NOS v6.0.1		NOS 5.0.1b		
40GBase-LR4 QSFP+ (Module)	57-1000263-01	40G-QSFP-LR4	NOS 4.1.0	NOS 4.1.0	NOS 6.0.1	NOS v6.0.1		NOS 4.2		
40GBASE-ER4 40km QSFP+	57-1000327-01	40G-QSFP-ER4	NOS v7.0.0	NOS v7.0.0	NOS v7.0.0	NOS v7.0.0		NOS v7.0.0		
40GE SR BiDi QSFP+ (Module)	57-1000339-01	40G-QSFP-SR-BIDI	NOS v7.0.0	NOS v7.0.0	NOS v7.0.0	NOS v7.0.0		NOS v7.0.0		
<b>100 GbE CFP2</b>										
100GBase-SR10 (100 m)	57-0000087-01	100G-CFP2-SR10							●	
100GBase-LR4 (10 km)	57-0000086-01	100G-CFP2-LR4-10KM							●	
100GBase-ER4 (40 km)	57-1000328-01	100G-CFP2-ER4-40KM							NOS v7.0.0	
<b>100 GbE QSFP28</b>										
100GBase-SR4 (100 m)	57-1000326-01	100G-QSFP28-SR4				NOS v7.0.0			NOS v7.0.0 (with adapter)	
100GBase-LR4-Lite (2 km)	57-1000329-01	100G-QSFP28-LR4L-2KM				NOS v7.0.0			NOS v7.0.0 (with adapter)	
100GBase-LR4 (10 km)	57-1000334-01	100G-QSFP28-LR4L-10KM				NOS v7.0.0			NOS v7.0.0 (with adapter)	

<sup>1</sup> Via QSA Adapter. This adapter allows these Brocade 10 GbE SFP+ transceivers to be used in the 40 GbE QSFP+ ports. SFP, SFP+, FC, and QSFP+ optics support both Duplex LC/(PC and UPC) polished fiber ends.

© 2016 Brocade Communications Systems, Inc. All Rights Reserved. 03/16 GA-MX-1877-06

Brocade, Brocade Assurance, the B-wing symbol, ClearLink, DCX, Fabric OS, HyperEdge, ICX, MLX, MyBrocade, OpenScript, VCS, VDX, Vplane, and Vyatta are registered trademarks, and Fabric Vision is a trademark of Brocade Communications Systems, Inc., in the United States and/or in other countries. Other brands, products, or service names mentioned may be trademarks of others.

Notice: This document is for informational purposes only and does not set forth any warranty, expressed or implied, concerning any equipment, equipment feature, or service offered or to be offered by Brocade. Brocade reserves the right to make changes to this document at any time, without notice, and assumes no responsibility for its use. This informational document describes features that may not be currently available. Contact a Brocade sales office for information on feature and product availability. Export of technical data contained in this document may require an export license from the United States government.

