

# Brocade® Transceiver Support Matrix

				Gen 7						Gen 6						
	Description	Manufacturing Part Number	Brocade Ordering Part Number	Brocade X7	Brocade FC64-64	Brocade FC64-48	Brocade FC32-X7-48	Brocade G730	Brocade G720	Brocade G710	Brocade X6	Brocade FC32-64	Brocade FC32-48	Brocade G630	Brocade G620	Brocade G610
64G FC SFP+	SWL	57-1000495-01	XBR-000462 (1-pack) XBR-000463 (8-pack)		●	● <sup>1,2</sup>		●	● <sup>1</sup>	● <sup>1</sup>						
	LWL - 10 km	57-1000496-01	XBR-000468 (1-pack) XBR-000469 (8-pack)		●	● <sup>3</sup>		● <sup>3</sup>	● <sup>3</sup>	● <sup>3</sup>						
	ELWL - 25 km	57-1000497-01	XBR-000466 (1-pack)			● <sup>3</sup>		● <sup>3</sup>	● <sup>3</sup>							
64G FC SFP-DD	SWL	57-1000505-01	XBR-000464 (1-pack) XBR-000465 (8-pack)		●			●	● <sup>4</sup>							
	Gen 7 FC QSFP+	SWL	57-1000481-01	XBR-000420 (1-pack) <sup>5</sup>	●											
	2 km	57-1000506-01	XBR-000476 (1-pack)	● <sup>4</sup>												
32G FC SFP+	SWL	57-1000333-01	XBR-000212 (1-pack) XBR-000213 (8-pack)										●	●	●	●
	SWL	57-1000485-01	XBR-000412 (1-pack) XBR-000413 (8-pack)			●	●	●	●	●			●	●	●	●
	LWL - 10 km	57-1000332-01	XBR-000238 (1-pack) XBR-000239 (8-pack)										●	●	●	●
	LWL - 10 km	57-1000486-01	XBR-000438 (1-pack) XBR-000439 (8-pack)		● <sup>8</sup>	● <sup>6</sup>	● <sup>6</sup>	● <sup>8</sup>	● <sup>6</sup>	●			● <sup>8</sup>	● <sup>8</sup>	● <sup>6</sup>	● <sup>8</sup>
	ELWL - 25 km	57-1000335-01	XBR-000278 (1-pack) <sup>9</sup>										●	●	●	●
	ELWL - 25 km	57-1000494-01	XBR-000478 (1-pack) <sup>9</sup>			● <sup>1</sup>	● <sup>1</sup>	●	● <sup>1</sup>				●	●	●	●
	ELWL - 25 km	57-1000498-01	XBR-000479 (1-pack) <sup>9,10</sup>		●	● <sup>3</sup>	● <sup>3</sup>	● <sup>3</sup>	● <sup>3</sup>	● <sup>3</sup>	● <sup>3</sup>			● <sup>3,11</sup>	● <sup>3,11</sup>	
4x32G FC QSFP+	SWL	57-1000351-01	XBR-000275 (1-pack) <sup>10</sup>								●	●		●	●	
	SWL	57-1000490-01	XBR-000475 (1-pack) <sup>10</sup>	●							●	●		●	●	
	2 km	57-1000480-01	XBR-000285 (1-pack)	● <sup>1</sup>							● <sup>12</sup>	● <sup>12</sup>		●	●	
16G FC SFP+	SWL	57-0000088-01	XBR-000192 (1-pack) XBR-000193 (8-pack)										●	●	●	●
	SWL	57-1000487-01	XBR-000492 (1-pack) XBR-000493 (8-pack)				●						●	●	●	●
	LWL - 10 km	57-0000089-01	XBR-000198 (1-pack) XBR-000199 (8-pack)										●	●	●	●
	LWL - 10 km	57-1000488-01	XBR-000498 (1-pack) <sup>6,7,8</sup> XBR-000499 (8-pack) <sup>6,7,8</sup>				●						●	●	●	●
	ELWL - 25 km	57-1000262-01	XBR-000258 (1-pack)										●	●	●	●
	ELWL - 25 km	57-1000489-01	XBR-000458 (1-pack)				●						●	●	●	●
4x16G FC QSFP+	SWL	57-1000294-01/-02	XBR-000245 (1-pack)								● <sup>13</sup>	● <sup>13</sup>		● <sup>13</sup>	● <sup>13</sup>	
	SWL	57-1000267-01	XBR-000232 (1-pack)													
	2 km	57-1000310-01	XBR-000255 (1-pack)								● <sup>14</sup>					
Ethernet QSFP+	40GBASE-SR4 or 4x10GbE	57-1000129-01	XBR-40G-SR4-INT-0286										● <sup>15</sup>			
	40GbE BiDi	57-1000339-01	XBR-40G-SR-BIDI-0287										● <sup>15</sup>			
	100GBASE-SR4 or 4x25GbE	57-1000326-01	XBR-100G-SR4-0288										● <sup>15</sup>			
10G FC SFP+	SWL	57-1000114-01	XBR-000218 (1-pack)										●	●	●	
	LWL - 10 km	57-1000115-01	XBR-000217 (1-pack)										●	●	●	
	SWL	57-1000492-01	XBR-000418 (1-pack)			●	●	●	●				●	●	●	
	LWL - 10 km	57-1000493-01	XBR-000417 (1-pack)			●	●	●	●				●	●	●	

<sup>1</sup> Minimum FOS version is 9.0.1a.

<sup>2</sup> Supports 10/25/50GbE for USF applications with FOS 9.2.1 or higher.

<sup>3</sup> Minimum FOS version is 9.1.1.

<sup>4</sup> Minimum FOS version is 9.1.0.

<sup>5</sup> This optic with serial number BAB1yywwxxxxxx requires FOS 9.2.0 or higher.

<sup>6</sup> For optics with a serial number starting with JDB, a minimum FOS level of FOS v9.1.1a or v9.2.0.

<sup>7</sup> For optics with a serial number starting with JDB, a minimum FOS level of FOS v9.2.0c2.

<sup>8</sup> For optics with a serial number starting with JDB, a minimum FOS level of FOS v9.2.1b.

<sup>9</sup> The XBR-000479 only supports the same optic on each end of the cable. It is not compatible with either the XBR-000278 or the XBR-000478.

<sup>10</sup> Supports 32G/16G speeds only.

<sup>11</sup> Compatible with the G620 Switch with switch type 183 and with the G630 Switch with switch type 184.

<sup>12</sup> The 4x32G FC 2-km QSFP on X6 ICL ports requires FOS 8.1.0b or higher.

<sup>13</sup> FC-compliant QSFPs are supported on ICLs (DCX 8510 and X6) and the FC16-64, FC32-64, G620, and G630.

<sup>14</sup> ICL only. Not supported on the FC32-64.

<sup>15</sup> Supported on the FC32-64 for FCoE connectivity only.

# Brocade® Transceiver Support Matrix

Gen 5							
	Description	Manufacturing Part Number	Brocade Ordering Part Number	Brocade DCX 8510	Brocade 6520	Brocade 6510	Brocade 6505
16G FC SFP+	SWL	57-0000088-01	XBR-000192 (1-pack) XBR-000193 (8-pack)	●	●	●	●
	SWL	57-1000487-01	XBR-000492 (1-pack) XBR-000493 (8-pack)	●	●	●	●
	LWL - 10 km	57-0000089-01	XBR-000198 (1-pack) XBR-000199 (8-pack)	●	●	●	●
	LWL - 10 km	57-1000488-01	XBR-000498 (1-pack) XBR-000499 (8-pack)	●	●	●	●
	ELWL - 25 km	57-1000262-01	XBR-000258 (1-pack)	●	●	●	●
	ELWL - 25 km	57-1000489-01	XBR-000458 (1-pack)	●	●	●	●
4x16G FC QSFP+	SWL	57-1000294-01/-02	XBR-000245 (1-pack)	● <sup>16</sup>			
	SWL	57-1000267-01	XBR-000232 (1-pack)	● <sup>17,18</sup>			
	2 km	57-1000310-01	XBR-000255 (1-pack)	● <sup>18</sup>			
8G FC SFP+	SWL	57-1000117-01	XBR-000163 (1-pack) XBR-000164 (8-pack)	●	●	●	●
	LWL - 10 km	57-1000027-02	XBR-000153 (1-pack) XBR-000172 (8-pack)	●	●	●	●
	ELWL - 25 km	57-0000080-01	XBR-000174 (1-pack)	●	●	●	●
10G FC SFP+	SWL	57-1000114-01	XBR-000218 (1-pack)	●	●	●	
	LWL - 10 km	57-1000115-01	XBR-000217 (1-pack)	●	●	●	
	SWL	57-1000492-01	XBR-000418 (1-pack)	●	●	●	
	LWL - 10 km	57-1000493-01	XBR-000417 (1-pack)	●	●	●	

<sup>16</sup> FC-compliant QSFPs are supported on ICLs (DCX 8510 and X6) and the FC16-64, FC32-64, G620, and G630.

<sup>17</sup> The last customer ship date was January 2017.

<sup>18</sup> ICL only.

<sup>19</sup> For the SX6 and 7810 platforms, secure optics require FOS 8.2.1.e or 8.2.2.c or higher.

For all other Brocade platforms, there is no FOS requirement for secure optics.

<sup>20</sup> Requires FOS 8.2.1.b.

<sup>21</sup> Dual-speed optic; supports 25GbE and 10GbE speeds.

<sup>22</sup> Dual-speed optic; supports 10GbE and 1GbE speeds.

<sup>23</sup> Requires FOS v9.2.0b.

<sup>24</sup> This optic with serial number CDA9xxxxxxxxx requires FOS v9.2.2 or higher.

				Extension			
	Description	Manufacturing Part Number	Brocade Ordering Part Number	Brocade SX6	Brocade 7850	Brocade 7840	Brocade 7810
64G FC SFP+	SWL	57-1000495-01	XBR-000462 (1-pack) XBR-000463 (8-pack)		●		
	LWL - 10 km	57-1000496-01	XBR-000468 (1-pack) XBR-000469 (8-pack)		●		
	ELWL - 25 km	57-1000497-01	XBR-000466 (1-pack)		●		
64G FC SFP-DD	SWL	57-1000505-01	XBR-000464 (1-pack) XBR-000465 (8-pack)		●		
	SWL	57-1000333-01	XBR-000212 (1-pack) XBR-000213 (8-pack)	●			●
32G FC SFP+	SWL	57-1000485-01	XBR-000412 (1-pack) XBR-000413 (8-pack)	● <sup>19</sup>	●		● <sup>19</sup>
	LWL - 10 km	57-1000332-01	XBR-000238 (1-pack) XBR-000239 (8-pack)	●			●
	LWL - 10 km	57-1000486-01	XBR-000438 (1-pack) XBR-000439 (8-pack)	● <sup>7,19</sup>	● <sup>7</sup>		● <sup>8,19</sup>
	ELWL - 25 km	57-1000335-01	XBR-000278 (1-pack)	●			
	SWL	57-0000088-01	XBR-000192 (1-pack) XBR-000193 (8-pack)	●		●	●
16G FC SFP+	SWL	57-1000487-01	XBR-000492 (1-pack) XBR-000493 (8-pack)	● <sup>19</sup>		●	● <sup>19</sup>
	LWL - 10 km	57-0000089-01	XBR-000198 (1-pack) XBR-000199 (8-pack)	●		●	●
	LWL - 10 km	57-1000488-01	XBR-000498 (1-pack) XBR-000499 (8-pack)	● <sup>19</sup>		●	● <sup>19</sup>
	ELWL - 25 km	57-1000262-01	XBR-000258 (1-pack)	●		●	
	ELWL - 25 km	57-1000489-01	XBR-000458 (1-pack)	● <sup>19</sup>		●	
	SWL	57-1000114-01	XBR-000218 (1-pack)	●			
10G FC SFP+	LWL - 10 km	57-1000115-01	XBR-000217 (1-pack)	●			
	SWL	57-1000492-01	XBR-000418 (1-pack)	● <sup>19</sup>			
	LWL - 10 km	57-1000493-01	XBR-000417 (1-pack)	● <sup>19</sup>			
	SWL	57-1000117-01	XBR-000163 (1-pack) XBR-000164 (8-pack)			●	
8G FC SFP+	LWL - 10 km	57-1000027-02	XBR-000153 (1-pack) XBR-000172 (8-pack)			●	
	ELWL - 25 km	57-0000080-01	XBR-000174 (1-pack)			●	
	SR4	57-1000508-01	XBR-100G-SR4-01 (1-pack)		●		
100GbE QSFP	LR4	57-1000515-01	XBR-100G-LR4-01 (1-pack)		● <sup>23</sup>		
	40GBASE-SR4	57-1000128-01	40G-QSFP-SR4	●		●	
40GbE QSFP+	40GbE BiDi	57-1000339-01	XBR-40G-SR-BIDI-0287	● <sup>20</sup>		● <sup>20</sup>	
	40GBASE-LR4 - 10 km	57-1000263-01	40G-QSFP-LR4	●		●	
	40GBASE-ER4 - 40 km	57-1000327-01	40G-QSFP-ER4	●			
25GbE SFP+	SR	57-1000342-01	XBR-25G-SR-01 (1-pack) <sup>21</sup>		●		
	LR	57-1000504-01	XBR-25G-LR-01 (1-pack) <sup>21</sup>		● <sup>24</sup>		
10GbE SFP+	SR	57-1000507-01	XBR-10G-SR-01 (1-pack) <sup>22</sup>		●		
	SR	57-0000075-01	XBR-000180 (1-pack) XBR-000181 (8-pack)	●		●	●
	LR	57-0000076-01	XBR-000182 (1-pack) XBR-000183 (8-pack)	●		●	●
	USR	57-1000130-01	10G-SFPP-USR (1-pack) 10G-SFPP-USR-8 (8-pack)	●		●	●
1GbE SFP+ (Copper) FP+Copper	1GbE Copper	57-1000042-01	XBR-000190 (1-pack)	●		●	●
	1000 BASE-SX	33210-100	E1MG-SX-OM (1-pack) E1MG-SX-OM-8 (8-pack)	●		●	●
1GbE SFP+	1000 BASE-LX	33211-100	E1MG-LX-OM (1-pack) E1MG-LX-OM-8 (8-pack)	●		●	●