

# Mellanox Spectrum Switches

Ethernet Switch Systems



Speed	Switch	Adapter	Optics
FDR	SX6036 – 8831-F36	EL3D EC3E*	
EDR	SB7700 – 8828-E36	EC3E* EC3T	
40/100GbE	SN2700 – 8831-00M	EC3L*	
40GbE	SX1710 – 8831-NF2	EC3A, EC3L*	EB27 + EB2J or EB2K
10/25/40/100GbE	SN2410 – 8831-25M	EKAU, EC3L* w/MAM1Q00A-QSA28	
10/40GbE	SX1410 – 8831-S48	EL3X* / EL40 (SR); EC3A / EC3L*	EB28 + ECBD or ECBE
1/10GbE	4610-54T – 8831-S52	Any 1GbE	

\* recommended solution

## 25G Cables

25GbE Copper Cabling SFP28

Length	FC	Transceiver	FC
0.5m	EB4J	25GbE-SR	EB47
1m	EB4K	SFP28	
1.5m	EB4L		
2m	EB4M		

Length	Description	FC
2m	100GbE to 4x25GbE, QSFP28 to 4xSFP28	EB4P

# Infrastructure for ESS / Spectrum Scale



[mellanox.com/oem/ibm](http://mellanox.com/oem/ibm)  
[community.mellanox.com/community/solutions](http://community.mellanox.com/community/solutions)  
[academy.mellanox.com/en/training-by-topic](http://academy.mellanox.com/en/training-by-topic)

[ibmsales@mellanox.com](mailto:ibmsales@mellanox.com) | [ibmtech@mellanox.com](mailto:ibmtech@mellanox.com)

## FDR / 40G Cables

40GbE / FDR Copper Cabling QSFP

Length	FC
0.5m	EB40
1m	EB41
2m	EB42

Transceiver	FC
40GbE-SR QSFP	EB27

40GbE / FDR Optical Cabling QSFP

Length	FC
3m	EB4A
5m	EB4B
10m	EB4C
15m	EB4D
20m	EB4E
30m	EB4F
50m	EB4G

## EDR Cables

EDR Copper Cabling QSFP28

Length	FC
0.5m	EB50
1m	EB51
2m	EB52
1.5m	EB54

EDR Optical Cabling QSFP28

Length	FC
3m	EB5A
5m	EB5B
10m	EB5C
15m	EB5D
20m	EB5E
30m	EB5F
50m	EB5G
100m	EB5H

## 100G Cables

100GbE EDR Copper Cabling QSFP28

Length	FC
0.5m	EB5J
1m	EB5K
2m	EB5L
1.5m	EB5M

Transceiver	FC
100GbE-SR4 QSFP28	EB59

100GbE EDR Optical Cabling QSFP28

Length	FC
3m	EB5R
5m	EB5S
10m	EB5T
15m	EB5U
20m	EB5V
30m	EB5W
50m	EB5X
100m	EB5Y