SSE-F3548S/SR Quick Connectivity Sheet

Recommended Port Speed Settings	
The 100G uplink ports can operate at 40G or as 4 x 25G or 4 x 10G ports. When each Cx uplink port is changed to 25G/10G speed, it creates three additional Fx ports. The 25G Fx ports can operate at 25G or 10G speed. Use the below commands in interface configuration mode to achieve the desired speed.	
100G	Default speed is 100G with FEC and AN enabled.
40G	Disable AN – "no negotiation" Disable FEC – "no fec" Speed 40G – "speed 40000"
25G	Speed 25G – "speed 25000". Recommended to leave AN and FEC ON for 25G speed.
10G	Disable AN – "no negotiation" Disable FEC – "no fec" Speed 10G – "speed 10000"
1G	Disable AN – "no negotiation" Disable FEC – "no fec" Speed 1G – "speed 1000"

Recommended 100G Interface Settings				
The SSE-F3548S/SR uses the default settings of AN: ON and FEC: RS.				
Uplink Partner	**Default**		**Configuration required on SSE-F/X 3548S/SR**	**Configuration required on Uplink partner**
	AN	**FEC**		
Cisco	ON	ON / Auto	No configuration change required	No configuration change required
Arista	OFF	RS	No configuration change required	Enable AN on the Arista side
Other Supermicro Switches SSE-F/X 3548S/SR	ON	RS	No configuration change required	No configuration change required
SBM-25G-100 and MBM-XEM-100	ON	RS	No configuration change required	No configuration change required
SSE-C3632S/SR (or other 3rd-party switches with Cumulus Linux OS)	OFF	None	Turn AN off Use the "no negotiation" command in the interface mode.	Change FEC mode to RS. e.g.**cumulus@switch**: *~# sudo net add interface swp23 link fec rs*

The **SSE-F3548S/SR** supports 3rd-party cables and transceivers from reliable vendors that comply with the relevant IEEE standards.

Part Number	Description
CBL-NTWK-0944-SS28C10M	1M Ethernet, SFP28, 25GbE, Passive
CBL-NTWK-0944-MS28C10M	1M Ethernet, SFP28, 25GbE, Passive
CBL-NTWK-0944-MS28C15M	1.5M Ethernet, SFP28, 25GbE, Passive
CBL-NTWK-0944-MS28C20M	2M Ethernet, SFP28, 25GbE, Passive
CBL-NTWK-0944-MS28C25M	2.5M Ethernet, SFP28, 25GbE, Passive
CBL-NTWK-0944-SS28C30M	3M Ethernet, SFP28, 25GbE, Passive
CBL-NTWK-0944-MS28C30M	3M Ethernet, SFP28, 25GbE, Passive
AOM-SFP28-25GbE-SR-1-MLN	25G transceiver module, 850nm, MMF (100M)
CBL-NTWK-0942-MQ28C05M	0.5M Ethernet, QSFP28, 100GbE, Passive
CBL-NTWK-0943-SQ28C10M	1.5M Ethernet, QSFP28, 100GbE, Passive
CBL-NTWK-0942-MQ28C10M	2M Ethernet, QSFP28, 100GbE, Passive
CBL-NTWK-0942-MQ28C15M	2.5M Ethernet, QSFP28, 100GbE, Passive
CBL-NTWK-0942-MQ28C20M	3M Ethernet, QSFP28, 100GbE, Passive
CBL-NTWK-0942-MQ28C25M	3M Ethernet, QSFP28, 100GbE, Passive
CBL-NTWK-0942-MQ28C30M	3M Ethernet, QSFP28, 100GbE, Passive
CBL-NTWK-0943-SQ28C30M	1M Ethernet, QSFP28, 100GbE, Passive
AOM-100GbE-SR4-FT	100G transceiver module, 850nm, MMF (100M)