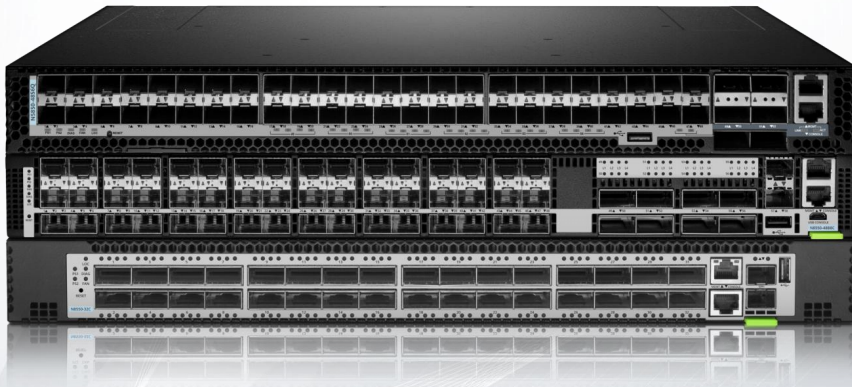


# Transceivers DACs and AOCs Supported on N Series Switches FSOS



## Supported Transceivers and Cables Information

The following tables list supported 10G SFP+, 25G SFP28, 40G QSFP+ and 100G QSFP28 transceivers and cables for N Series switches with FSOS operating system. They were tested by FS technicians to ensure compatibility.

## Models of Switches

- N5850-48S6Q
- N8550-48B8C
- N8550-32C

## N Series Switches Compatible State

N Series switches with FSOS operating system are compatible with a variety of high-speed transceivers and cables. Here's a look at the details.

### Transceiver Compatible Datasheet

Description	ID	Rate	N5850-48S6Q			Host FEC	Remarks
			Compatibility	Transmission	Loss (%)		
SFP-10GSR-85	11589	10G	√	√	0		
SFP-10GLR-31	11591	10G	√	√	0		
SFP-10GZR-55	11595	10G	√	√	0		
SFP-10G-BX	11632	10G	√	√	0		
SFP-10G-BX	11633	10G	√	√	0		
QSFP-SR4-40G	17931	40G	√	√	0		
QSFP-LX4-40G	35205	40G	√	√	0		
QSFP-LR4-40G	35209	40G	√	√	0		
QSFP-ER4-40G	35211	40G	√	√	0		

Description	ID	Rate	N8550-48B8C			Host FEC	Remarks
			Compatibility	Transmission	Loss (%)		
SFP28-25GSR-85	67973	25G	√	√	0	RS-FEC	
SFP28-25GLR-31	70384	25G	√	√	0	RS-FEC	
QSFP-SR4-40G	17931	40G	√	√	0		
QSFP-LX4-40G	35205	40G	√	√	0		
QSFP-LR4-40G	35209	40G	√	√	0		
QSFP-ER4-40G	35211	40G	√	√	0		
QSFP28-SR4-100G	35182	100G	√	√	0	RS-FEC	
QSFP28-PIR4-100G	65216	100G	√	√	0	RS-FEC	
QSFP28-IR4-100G	65215	100G	√	√	0	RS-FEC	
QSFP28-EIR4-100G	73590	100G	√	√	0	RS-FEC	
QSFP28-LR4-100G	39025	100G	√	√	0		

Description	ID	Rate	N8550-32C			Host FEC	Remarks
			Compatibility	Transmission	Loss (%)		
QSFP-SR4-40G	17931	40G	√	√	0		
QSFP-LX4-40G	35205	40G	√	√	0		
QSFP-LR4-40G	35209	40G	√	√	0		
QSFP-ER4-40G	35211	40G	√	√	0		
QSFP28-SR4-100G	35182	100G	√	√	0	RS-FEC	
QSFP28-PIR4-100G	65216	100G	√	√	0	RS-FEC	
QSFP28-IR4-100G	65215	100G	√	√	0	RS-FEC	
QSFP28-EIR4-100G	73590	100G	√	√	0	RS-FEC	
QSFP28-LR4-100G	39025	100G	√	√	0		

**Cable Compatible Datasheet**

Description	ID	Length (m)	N5850-48S6Q			Host FEC	Remarks
			Compatibility	Transmission	Loss (%)		
10G SFP+ Passive Direct Attach Copper Twinax Cable	30762	6	√	√	0		
	30763	7	√	√	0		
10G SFP+ Active Direct Attach Copper Twinax Cable	30778	10	√	√	0		
10G SFP+ Active Optical Cable	24982	1	√	√	0		
40G QSFP+ Passive Direct Attach Copper Twinax Cable	30960	1	√	√	0		
40G QSFP+ Active Direct Attach Copper Twinax Cable	30808	7	√	√	0		
	30812	10	√	√	0		
40G QSFP+ Active Optical Cable	30753	10	√	√	0		

Description	ID	Length (m)	N8550-48B8C			Host FEC	Remarks
			Compatibility	Transmission	Loss (%)		
25G SFP28 Passive Direct Attach Copper Twinax Cable	47090	3	√	√	0	RS-FEC /Base-R	
	47091	5	√	√	0	RS-FEC	
25G SFP28 Active Optical Cable	68355	5	√	√	0	RS-FEC /Base-R	
40G QSFP+ Passive Direct Attach Copper Twinax Cable	30960	1	√	√	0		
40G QSFP+ Active Direct Attach Copper Twinax Cable	30808	7	√	√	0		
	30812	10	√	√	0		
40G QSFP+ Active Optical Cable	30753	10	√	√	0		
100G QSFP28 Passive Direct Attach Copper Twinax Cable	47096	1	√	√	0	RS-FEC	
100G QSFP28 Active Optical Cable	50171	5	√	√	0	RS-FEC	

Description	ID	Length (m)	N8550-32C			Host FEC	Remarks
			Compatibility	Transmission	Loss (%)		
40G QSFP+ Passive Direct Attach Copper Twinax Cable	30960	1	√	√	0		
40G QSFP+ Active Direct Attach Copper Twinax Cable	30808	7	√	√	0		
	30812	10	√	√	0		
40G QSFP+ Active Optical Cable	30753	10	√	√	0		
100G QSFP28 Passive Direct Attach Copper Twinax Cable	47096	1	√	√	0	RS-FEC	
100G QSFP28 Active Optical Cable	50171	5	√	√	0	RS-FEC	



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