

Transceivers DACs and AOCs Supported on S5850-48S2Q4C Switch



Supported Transceivers and Cables Information

The following tables list supported 1G SFP,10G SFP+,40G QSFP+ and 100G QSFP+ transceivers and cables for S5850-48S2Q4C switch.They were tested by FS technicians to ensure compatibility.

Model of Switch

- S5850-48S2Q4C

S5850-48S2Q4C Switch Compatible State

S5850-48S2Q4C switch is compatible with a variety of high-speed cables and transceivers. Here’s a look at the details.

Transceiver Compatible Datasheet

Description	ID	Rate	S5850-48S2Q4C			Remarks
			Compatibility	Transmission	Loss (%)	
SFP-GB-GE-T	11773	1000BASE-T	√	√	0	
SFP-GB-GE-T	34976	10/100/1000B ASE-T	√	√	0	
SFP1G-SX-85	11774	1G	√	√	0	
SFP1G-LX-31	12674	1G	√	√	0	
SFP1G-EX-55	49943	1G	√	√	0	
SFP1G-ZX-55	11779	1G	√	√	0	
CWDM-SFP1G-ZX	33234	1G	√	√	0	
DWDM-SFP1G-ZX	47697	1G	√	√	0	
SFP-GE-BX	11802	1G	√	√	0	
SFP-GE-BX40	49479	1G	√	√	0	
SFP-GE-BX60	37953	1G	√	√	0	
SFP-GE-BX80	49481	1G	√	√	0	

Description	ID	Rate	S5850-48S2Q4C			Remarks
			Compatibility	Transmission	Loss (%)	
SFP-10G-T	66613	10G	√	√	0	
SFP-10GSR-85	11552	10G	√	√	0	
SFP-10G-LRM	11556	10G	√	√	0	
SFP-10GLR-31	11555	10G	√	√	0	
SFP-10GER-31	48813	10G	√	√	0	
SFP-10GER-55	11557	10G	√	√	0	
SFP-10GZR-55	36436	10G	√	√	0	
CWDM-SFP10G-80L	19367	10G	√	√	0	
DWDM-SFP10G-80	31238	10G	√	√	0	
SFP-10G-BX	36351	10G	√	√	0	
SFP-10G-BX40	19359	10G	√	√	0	
SFP-10G-BX60	37075	10G	√	√	0	
SFP-10G-BX80	42492	10G	√	√	0	

Description	ID	Rate	S5850-48S2Q4C			Remarks
			Compatibility	Transmission	Loss (%)	
QSFP-SR4-40G	36157	40G	√	√	0	
QSFP-CSR4-40G	36165	40G	√	√	0	
QSFP-LR4-40G	36170	40G	√	√	0	
QSFP-PLR4-40G	37016	40G	√	√	0	
QSFP-PIR4-40G	48276	40G	√	√	0	
QSFP-ER4-40G	36173	40G	√	√	0	

Description	ID	Rate	S5850-48S2Q4C			Remarks
			Compatibility	Transmission	Loss (%)	
QSFP28-SR4-100G	48354	100G	√	√	0	
QSFP28-PIR4-100G	65221	100G	√	√	0	
QSFP28-IR4-100G	65219	100G	√	√	0	
QSFP28-LR4-100G	73870	100G	√	√	0	
QSFP28-EIR4-100G	73591	100G	√	√	0	

Cable Compatible Datasheet

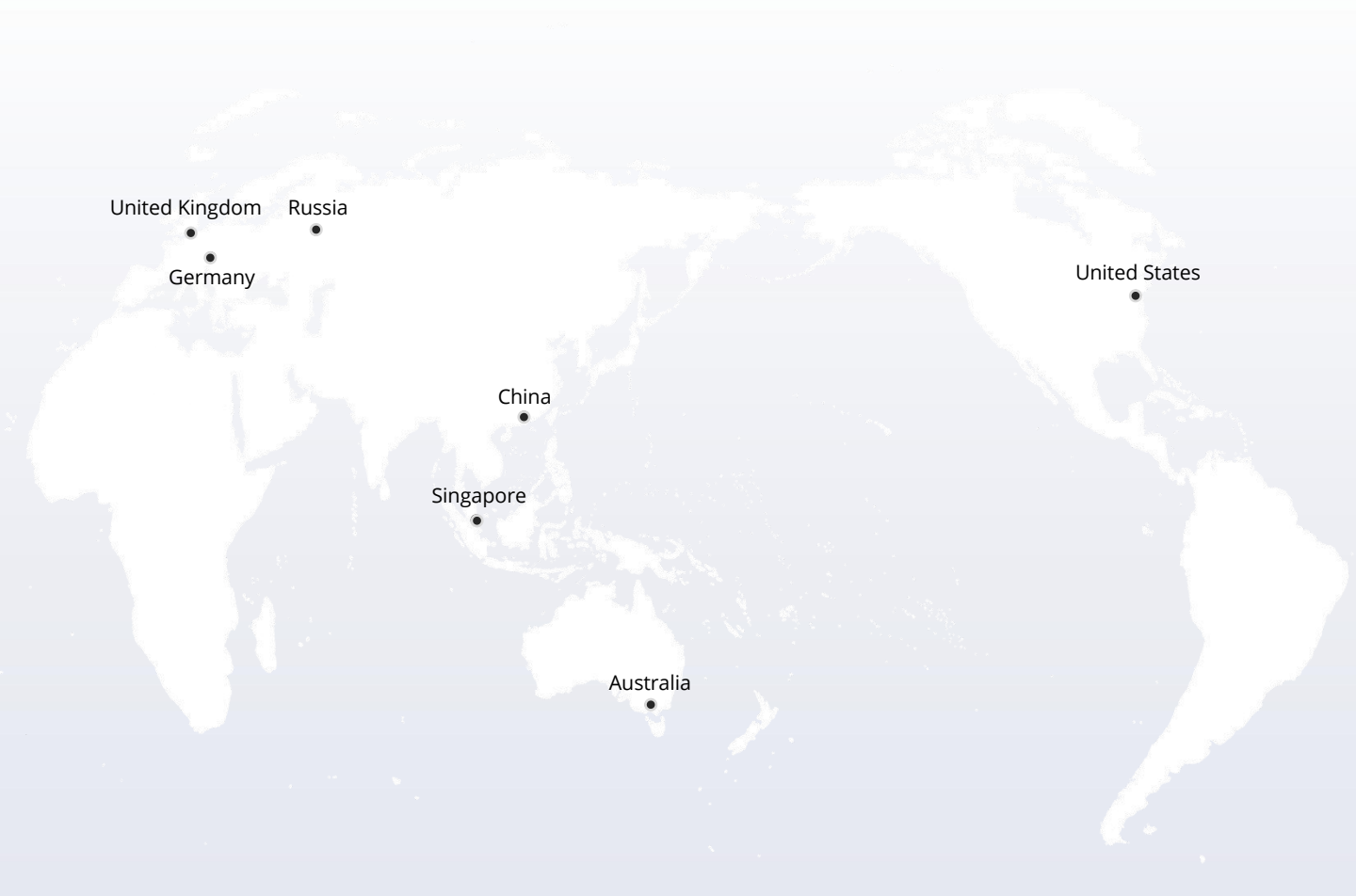
Description	ID	Length (m)	S5850-48S2Q4C			Remarks
			Compatibility	Transmission	Loss (%)	
10G SFP+ Passive Direct Attach Copper Twinax Cable	30851	1.5	√	√	0	
	30862	3	√	√	0	
	30863	5	√	√	0	
	39292	7	√	√	0	
10G SFP+ Active Direct Attach Copper Twinax Cable	40110	10	√	√	0	
10G SFP+ Active Optical Cable	30881	1	√	√	0	
	30889	3	√	√	0	
	30895	10	√	√	0	
	40091	15	√	√	0	

Description	ID	Length (m)	S5850-48S2Q4C			Remarks
			Compatibility	Transmission	Loss (%)	
40G QSFP+ Passive Direct Attach Copper Twinax Cable	30884	1	√	√	0	
	30897	3	√	√	0	
	30898	5	√	√	0	
	48950	7	√	×	0	
	30901	10	√	√	0	
40G QSFP+ Active Optical Cable	30902	1	√	√	0	
	30910	2	√	√	0	
	30912	5	√	√	0	
	30913	7	√	√	0	
	30915	15	√	√	0	
	40101	20	√	√	0	

Description	ID	Length (m)	S5850-48S2Q4C			Remarks
			Compatibility	Transmission	Loss (%)	
100G QSFP+ Passive Direct Attach Copper Twinax Cable	50481	1	√	√	0	
	50482	3	√	√	0	
	50483	5	√	√	0	
100G QSFP+ Active Optical Cable	50174	1	√	√	0	
	50176	3	√	√	0	
	50179	10	√	√	0	

Breakout Cable Compatible Datasheet

Description	ID	Length (m)	S5850-48S2Q4C			Remarks
			Compatibility	Transmission	Loss (%)	
40G DAC Breakout Cables	30894	1	√	√	0	
	30903	3	√	√	0	
40G AOC Breakout Cables	30900	1	√	√	0	
	40352	15	√	√	0	



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