

AOC Cable Test Report

PN: QSFP-100G-AOC3M

NUM	INDEX	DESCRIPTION	TRAP	LOCK	MTU	ADDRESS	ADMIN
OPERATE							
1/1	192	25GbNone	true	false	1950	20:9e:f7:8d:84:00 up	down
1/2	193	25GbNone	true	false	1950	20:9e:f7:8d:84:01 up	down
1/3	194	25GbNone	true	false	1950	20:9e:f7:8d:84:02 up	down
1/4	195	25GbNone	true	false	1950	20:9e:f7:8d:84:03 up	down
1/5	196	25GbNone	true	false	1950	20:9e:f7:8d:84:04 up	down
1/6	197	25GbNone	true	false	1950	20:9e:f7:8d:84:05 up	down
1/7	198	25GbNone	true	false	1950	20:9e:f7:8d:84:06 up	down
1/8	199	25GbNone	true	false	1950	20:9e:f7:8d:84:07 up	down
1/9	200	25GbNone	true	false	1950	20:9e:f7:8d:84:08 up	down
1/10	201	25GbNone	true	false	1950	20:9e:f7:8d:84:09 up	down
1/11	202	25GbNone	true	false	1950	20:9e:f7:8d:84:0a up	down
1/12	203	25GbNone	true	false	1950	20:9e:f7:8d:84:0b up	down
1/13	204	25GbNone	true	false	1950	20:9e:f7:8d:84:0c up	down
1/14	205	25GbNone	true	false	1950	20:9e:f7:8d:84:0d up	down
1/15	206	25GbNone	true	false	1950	20:9e:f7:8d:84:0e up	down
1/16	207	25GbNone	true	false	1950	20:9e:f7:8d:84:0f up	down
1/17	208	25GbNone	true	false	1950	20:9e:f7:8d:84:10 up	down
1/18	209	25GbNone	true	false	1950	20:9e:f7:8d:84:11 up	down
1/19	210	25GbNone	true	false	1950	20:9e:f7:8d:84:12 up	down
1/20	211	25GbNone	true	false	1950	20:9e:f7:8d:84:13 up	down
1/21	212	25GbNone	true	false	1950	20:9e:f7:8d:84:14 up	down
1/22	213	25GbNone	true	false	1950	20:9e:f7:8d:84:15 up	down
1/23	214	25GbNone	true	false	1950	20:9e:f7:8d:84:16 up	down
1/24	215	25GbNone	true	false	1950	20:9e:f7:8d:84:17 up	down
1/25	216	25GbNone	true	false	1950	20:9e:f7:8d:84:18 up	down
1/26	217	25GbNone	true	false	1950	20:9e:f7:8d:84:19 up	down
1/27	218	25GbNone	true	false	1950	20:9e:f7:8d:84:1a up	down
1/28	219	25GbNone	true	false	1950	20:9e:f7:8d:84:1b up	down
1/29	220	25GbNone	true	false	1950	20:9e:f7:8d:84:1c up	down
1/30	221	25GbNone	true	false	1950	20:9e:f7:8d:84:1d up	down
1/31	222	25GbNone	true	false	1950	20:9e:f7:8d:84:1e up	down
1/32	223	25GbNone	true	false	1950	20:9e:f7:8d:84:1f up	down
1/33	224	25GbNone	true	false	1950	20:9e:f7:8d:84:20 up	down
1/34	225	25GbNone	true	false	1950	20:9e:f7:8d:84:21 up	down
1/35	226	25GbNone	true	false	1950	20:9e:f7:8d:84:22 up	down
1/36	227	25GbNone	true	false	1950	20:9e:f7:8d:84:23 up	down
1/37	228	25GbNone	true	false	1950	20:9e:f7:8d:84:24 up	down
1/38	229	25GbNone	true	false	1950	20:9e:f7:8d:84:25 up	down
1/39	230	25GbNone	true	false	1950	20:9e:f7:8d:84:26 up	down
1/40	231	25GbNone	true	false	1950	20:9e:f7:8d:84:27 up	down

	1/41	232	25GbNone	true	false	1950	20:9e:f7:8d:84:28	up	down
	1/42	233	25GbNone	true	false	1950	20:9e:f7:8d:84:29	up	down
	1/43	234	25GbNone	true	false	1950	20:9e:f7:8d:84:2a	up	down
	1/44	235	25GbNone	true	false	1950	20:9e:f7:8d:84:2b	up	down
	1/45	236	25GbNone	true	false	1950	20:9e:f7:8d:84:2c	up	down
	1/46	237	25GbNone	true	false	1950	20:9e:f7:8d:84:2d	up	down
	1/47	238	25GbNone	true	false	1950	20:9e:f7:8d:84:2e	up	down
	1/48	239	25GbNone	true	false	1950	20:9e:f7:8d:84:2f	up	down
	1/49	256	100GbAOC	true	false	1950	20:9e:f7:8d:84:30	up	up
	1/50	257	100GbNone	true	false	1950	20:9e:f7:8d:84:31	up	down
	1/51	258	100GbNone	true	false	1950	20:9e:f7:8d:84:32	up	down
	1/52	259	100GbNone	true	false	1950	20:9e:f7:8d:84:33	up	down
	1/53	260	100GbAOC	true	false	1950	20:9e:f7:8d:84:34	up	up
	1/54	261	100GbNone	true	false	1950	20:9e:f7:8d:84:35	up	down
	1/s1	320	10GbInsight	true	false	1950	20:9e:f7:8d:84:38	down	down
Test Conclusion	The 100G QSFP28 AOC Cable was successfully recognized by the Extreme VSP-7400-48Y-8C, with all identification information accurately displayed in the outputs.								

4.2 Digital Diagnostic Monitoring

Test Data	<pre> THQ-DISTRO-TA-MELSW016006:1#show pluggable-optical-modules detail ***** Command Execution Time: Fri Jan 30 03:29:45 2026 UTC ***** ===== == Pluggable Optical Module Info 1/49 Detail ===== == Port: 1/49 Type: 100GbAOC DDM Supported : TRUE Vendor Name : OPTCORE Partnumber : QSFP-100G-AOC3M Vendor REV : A0 Vendor SN : 25D3502202 Vendor Date : 04/15/25 Cable Length : 5 m Wavelength : 850.00 nm Digital Diagnostic Interface Supported Optics Status : Checksum-Error Calibration : Internal RX Power Measurement : Average Auxiliary 1 Monitoring : Not Implemented </pre>
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Auxiliary 2 Monitoring : Not Implemented

	LOW_ALARM THRESHOLD	LOW_WARN THRESHOLD	ACTUAL VALUE	HIGH_WARN THRESHOLD	HIGH_ALARM THRESHOLD	THRESHOLD STATUS
Temp(C)	-10.0	0.0	19.2773	70.0	85.0	Normal
Voltage(V)	2.9000	3.1000	3.2690	3.5000	3.6000	Normal

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Pluggable Optical Module Info 1/53 Detail

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Port: 1/53
 Type: 100GbAOC
 DDM Supported : TRUE
 Vendor Name : OPTCORE Partnumber : QSFP-100G-AOC3M
 Vendor REV : A0 Vendor SN : 25D3502202
 Vendor Date : 04/15/25
 Cable Length : 5 m
 Wavelength : 850.00 nm

Digital Diagnostic Interface Supported

Optics Status : Checksum-Error
 Calibration : Internal
 RX Power Measurement : Average
 Auxiliary 1 Monitoring : Not Implemented
 Auxiliary 2 Monitoring : Not Implemented

	LOW_ALARM THRESHOLD	LOW_WARN THRESHOLD	ACTUAL VALUE	HIGH_WARN THRESHOLD	HIGH_ALARM THRESHOLD	THRESHOLD STATUS
Temp(C)	-10.0	0.0	19.8515	70.0	85.0	Normal
Voltage(V)	2.9000	3.1000	3.2720	3.5000	3.6000	Normal

Test Conclusion

After testing, the 100G QSFP28 AOC Cable on the Extreme VSP-7400-48Y-8C DDM is normally identified, the parameters do not exceed thresholds, and the cable operates normally.

Appendix A. Document Revision

Version No	Date	Description
V1.0/EN	2026-1-30	Preliminary test report

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