



# IBTA Integrators' List October 2009 Plugfest Cables



Company	Part Number	Connector Type	4x 12x	Length (m)	AWG	Equalization	M2M Interop	Q2Q Interop	DDR Certified	QDR Certified	Qualification
Amphenol	570800001	CX4	4x	6	24	Unequalized	Pass	NT	Yes	No	Tested at PF16
Amphenol	570800002	CX4	4x	7	24	Unequalized	Fail	NT	Yes	No	Tested at PF16
Amphenol	570800003	CX4	4x	8	24	Unequalized	Fail	NT	Yes	No	Tested at PF16
Amphenol	581610001	CX4	4x	15	26	Limiting Active - Copper	Pass	NT	Yes	N/A	Tested at PF16
Amphenol	570780001	CX4	4x	4	28	Unequalized	Pass	NT	Yes	No	Tested at PF16
Amphenol	570780002	CX4	4x	5	28	Unequalized	Pass	NT	Yes	No	Tested at PF16
Amphenol	581590002	CX4	4x	10	28	Limiting Active - Copper	Pass	NT	Yes	N/A	Tested at PF16
Amphenol	581600001	CX4	4x	12	28	Limiting Active - Copper	Pass	NT	Yes	N/A	Tested at PF16
Amphenol	570770001	CX4	4x	0.5	30	Unequalized	Pass	NT	Yes	No	Tested at PF16
Amphenol	570770002	CX4	4x	1	30	Unequalized	Pass	NT	Yes	No	Tested at PF16
Amphenol	570770003	CX4	4x	2	30	Unequalized	Pass	NT	Yes	No	Tested at PF16
Amphenol	570770004	CX4	4x	3	30	Unequalized	Fail	NT	Yes	No	Tested at PF16
Amphenol	576180002	Hybrid - CX4 & QSFP	4x	1	26	Unequalized	Pass	NT	Yes	No	Tested at PF16
Amphenol	576180003	Hybrid - CX4 & QSFP	4x	2	26	Unequalized	Pass	NT	Yes	No	Tested at PF16
Amphenol	576180004	Hybrid - CX4 & QSFP	4x	3	26	Unequalized	Pass	NT	Yes	No	Tested at PF16
Amphenol	576180006	Hybrid - CX4 & QSFP	4x	5	26	Unequalized	Fail	NT	Yes	No	Tested at PF16
Amphenol	576190006	QSFP	4x	5	26	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Amphenol	576190007	QSFP	4x	6	26	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Amphenol	576190008	QSFP	4x	7	26	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Amphenol	576190009	QSFP	4x	8	26	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Amphenol	586320004	QSFP	4x	12	26	Linear Active - Copper	Pass	Fail	Yes	Yes	Tested at PF16
Amphenol	585510003	QSFP	4x	12	26	Limiting Active - Copper	Pass	Fail	Yes	Yes	Tested at PF16
Amphenol	586320003	QSFP	4x	10	27	Linear Active - Copper	Pass	Pass	Yes	Yes	Tested at PF16
Amphenol	576190004	QSFP	4x	3	28	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Amphenol	576190005	QSFP	4x	4	28	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Amphenol	586320002	QSFP	4x	8	28	Linear Active - Copper	Pass	Pass	Yes	Yes	Tested at PF16
Amphenol	577780001	QSFP	4x	0.5	30	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Amphenol	577780002	QSFP	4x	1	30	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Amphenol	577780003	QSFP	4x	2	30	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Amphenol	577780004	QSFP	4x	3	30	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Amphenol	586320001	QSFP	4x	6	30	Linear Active - Copper	Pass	Pass	Yes	Yes	Tested at PF16
Amphenol	585510001	QSFP	4x	7	30	Limiting Active - Copper	Pass	Pass	Yes	Yes	Tested at PF16
Avago Technologies	AFBR-79C4PAC01Z	CX4	4x	1	n/a	Active - Fiber	Pass	NT	Yes	N/A	Tested at PF16
Avago Technologies	AFBR-79C4PAC00Z	CX4	4x	100	n/a	Active - Fiber	Pass	NT	Yes	N/A	Tested at PF16
Avago Technologies	AFBR-79C5PAC01Z	Hybrid - CX4 & QSFP	4x	1	n/a	Active - Fiber	Pass	NT	Yes	N/A	Tested at PF16
Avago Technologies	AFBR-79C5PAC00Z	Hybrid - CX4 & QSFP	4x	100	n/a	Active - Fiber	Pass	NT	Yes	N/A	Tested at PF16
Avago Technologies	AFBR-79Q5PAC01Z	QSFP	4x	1	n/a	Active - Fiber	Pass	NT	Yes	N/A	Tested at PF16
Avago Technologies	AFBR-79Q5PAC00Z	QSFP	4x	100	n/a	Active - Fiber	Pass	NT	Yes	N/A	Tested at PF16
Avago Technologies	AFBR-79Q4PAC01Z	QSFP	4x	1	n/a	Active - Fiber	Pass	Fail	Yes	Yes	Tested at PF16
Avago Technologies	AFBR-79Q4PAC05Z	QSFP	4x	5	n/a	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Avago Technologies	AFBR-79Q4PAC10Z	QSFP	4x	10	n/a	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Avago Technologies	AFBR-79Q4PAC15Z	QSFP	4x	15	n/a	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Avago Technologies	AFBR-79Q4PAC20Z	QSFP	4x	20	n/a	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Avago Technologies	AFBR-79Q4PAC30Z	QSFP	4x	30	n/a	Active - Fiber	Pass	Fail	Yes	Yes	Tested at PF16
Avago Technologies	AFBR-79Q4PAC50Z	QSFP	4x	50	n/a	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Avago Technologies	AFBR-79Q4PAC00Z	QSFP	4x	100	n/a	Active - Fiber	Pass	Fail	Yes	Yes	Tested at PF16



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Company	Part Number	Connector Type	4x 12x	Length (m)	AWG	Equalization	M2M Interop	Q2Q Interop	DDR Certified	QDR Certified	Qualification
Cinch Connectors	717-04-00-003	QSFP	4x	3	24	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Cinch Connectors	717 04 00 004	QSFP	4x	4	24	Unequalized	NT	NT	PBR	PBR	Pass by Reference
Cinch Connectors	717 04 00 005	QSFP	4x	5	24	Unequalized	NT	NT	PBR	PBR	Pass by Reference
Cinch Connectors	717-04-00-006	QSFP	4x	6	24	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Cinch Connectors	717-04-00-007	QSFP	4x	7	24	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Cinch Connectors	717-04-00-008	QSFP	4x	8	24	Unequalized	Pass	Pass	Yes	No	Tested at PF16
Cinch Connectors	717-04-00-040	QSFP	4x	0.5	28	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Cinch Connectors	717 04 00 041	QSFP	4x	1	28	Unequalized	NT	NT	PBR	PBR	Pass by Reference
Cinch Connectors	717 04 00 042	QSFP	4x	2	28	Unequalized	NT	NT	PBR	PBR	Pass by Reference
Cinch Connectors	717 04 00 043	QSFP	4x	3	28	Unequalized	NT	NT	PBR	PBR	Pass by Reference
Cinch Connectors	717-04-00-044	QSFP	4x	4	28	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Cinch Connectors	717-04-00-045	QSFP	4x	5	28	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Cinch Connectors	717-04-00-046	QSFP	4x	6	28	Unequalized	Fail	Fail	Yes	No	Tested at PF16
Cinch Connectors	717-04-00-060	QSFP	4x	0.5	30	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Cinch Connectors	717-04-00-061	QSFP	4x	1	30	Unequalized	NT	NT	PBR	PBR	Pass by Reference
Cinch Connectors	717-04-00-062	QSFP	4x	2	30	Unequalized	NT	NT	PBR	PBR	Pass by Reference
Cinch Connectors	717-04-00-063	QSFP	4x	3	30	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Cinch Connectors	717-04-00-064	QSFP	4x	4	30	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Cinch Connectors	717-04-00-065	QSFP	4x	5	30	Unequalized	Pass	Pass	Yes	No	Tested at PF16
FCI	10093084-4030LF	QSFP	4x	3	26	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
FCI	10093084-4040LF	QSFP	4x	4	26	Unequalized	NT	NT	PBR	PBR	Pass by Reference
FCI	10093084-4050LF	QSFP	4x	5	26	Unequalized	NT	NT	PBR	PBR	Pass by Reference
FCI	10093084-4060LF	QSFP	4x	6	26	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
FCI	10093084-3010LF	QSFP	4x	1	28	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
FCI	10093084-3020LF	QSFP	4x	2	28	Unequalized	NT	NT	PBR	PBR	Pass by Reference
FCI	10093084-3030LF	QSFP	4x	3	28	Unequalized	NT	NT	PBR	PBR	Pass by Reference
FCI	10093084-3040LF	QSFP	4x	4	28	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
FCI	10107528-3100LF	QSFP	4x	10	28	Limiting Active - Copper	Pass	Pass	Yes	Yes	Tested at PF16
FCI	10093084-2005LF	QSFP	4x	0.5	30	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
FCI	10093084-2010LF	QSFP	4x	1	30	Unequalized	NT	NT	PBR	PBR	Pass by Reference
FCI	10093084-2020LF	QSFP	4x	2	30	Unequalized	NT	NT	PBR	PBR	Pass by Reference
FCI	10093084-2030LF	QSFP	4x	3	30	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
FCI	10093084-1005LF	QSFP	4x	0.5	32	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
FCI	10093084-1010LF	QSFP	4x	1	32	Unequalized	NT	NT	PBR	PBR	Pass by Reference
FCI	10093084-1020LF	QSFP	4x	2	32	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Finisar	FCBG410QB1C03	QSFP	4x	3	N/A	Active - Fiber	Pass	Pass	Yes	Yes	Tested at PF16
Finisar	FCBG410QB1C03	QSFP	4x	3	N/A	Active - Fiber	Pass	Pass	Yes	Yes	Tested at PF16
Finisar	FCBG410QB1C05	QSFP	4x	5	N/A	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Finisar	FCBG410QB1C10	QSFP	4x	10	N/A	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Finisar	FCBG410QB1C12	QSFP	4x	12	N/A	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Finisar	FCBG410QB1C15	QSFP	4x	15	N/A	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Finisar	FCBG410QB1C20	QSFP	4x	20	N/A	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Finisar	FCBG410QB1C30	QSFP	4x	30	N/A	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Finisar	FCBG410QB1C40	QSFP	4x	40	N/A	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Finisar	FCBG410QB1C50	QSFP	4x	50	N/A	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Finisar	FCBG410QB1CX0	QSFP	4x	100	N/A	Active - Fiber	Pass	Pass	Yes	Yes	Tested at PF16



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Finisar	FCBG410QB1CX0	QSFP	4x	100	N/A	Active - Fiber	Pass	Pass	Yes	Yes	Tested at PF16
Hitachi Cable, Ltd.	AP009-02	CXP	12x	2	N/A	Active - Fiber	NT	NT	Yes	Yes	Tested at PF16
Hitachi Cable, Ltd.	AP008-50	CXP	12x	50	N/A	Active - Fiber	NT	NT	Yes	Yes	Tested at PF16
Intersil	QLX4000CQSFP0524	QSFP	4x	5	24	Limiting Active - Copper	Pass	Pass	Yes	Yes	Tested at PF16
Intersil	QLX4000CQSFP0624	QSFP	4x	6	24	Limiting Active - Copper	NT	NT	PBR	PBR	Pass by Reference
Intersil	QLX4000CQSFP0724	QSFP	4x	7	24	Limiting Active - Copper	NT	NT	PBR	PBR	Pass by Reference
Intersil	QLX4000CQSFP0824	QSFP	4x	8	24	Limiting Active - Copper	NT	NT	PBR	PBR	Pass by Reference
Intersil	QLX4000CQSFP0924	QSFP	4x	9	24	Limiting Active - Copper	NT	NT	PBR	PBR	Pass by Reference
Intersil	QLX4000CQSFP1024	QSFP	4x	10	24	Limiting Active - Copper	NT	NT	PBR	PBR	Pass by Reference
Intersil	QLX4000CQSFP1124	QSFP	4x	11	24	Limiting Active - Copper	NT	NT	PBR	PBR	Pass by Reference
Intersil	QLX4000CQSFP1224	QSFP	4x	12	24	Limiting Active - Copper	NT	NT	PBR	PBR	Pass by Reference
Intersil	QLX4000CQSFP1324	QSFP	4x	13	24	Limiting Active - Copper	NT	NT	PBR	PBR	Pass by Reference
Intersil	QLX4000CQSFP1424	QSFP	4x	14	24	Limiting Active - Copper	NT	NT	PBR	PBR	Pass by Reference
Intersil	QLX4000CQSFP1524	QSFP	4x	15	24	Limiting Active - Copper	Pass	Pass	Yes	Yes	Tested at PF16
Intersil	QLX4000CQSFP0128	QSFP	4x	1	28	Limiting Active - Copper	Pass	Pass	Yes	Yes	Tested at PF16
Intersil	QLX4000CQSFP0228	QSFP	4x	2	28	Limiting Active - Copper	NT	NT	PBR	PBR	Pass by Reference
Intersil	QLX4000CQSFP0328	QSFP	4x	3	28	Limiting Active - Copper	NT	NT	PBR	PBR	Pass by Reference
Intersil	QLX4000CQSFP0428	QSFP	4x	4	28	Limiting Active - Copper	NT	NT	PBR	PBR	Pass by Reference
Intersil	QLX4000CQSFP0528	QSFP	4x	5	28	Limiting Active - Copper	NT	NT	PBR	PBR	Pass by Reference
Intersil	QLX4000CQSFP0628	QSFP	4x	6	28	Limiting Active - Copper	NT	NT	PBR	PBR	Pass by Reference
Intersil	QLX4000CQSFP0728	QSFP	4x	7	28	Limiting Active - Copper	NT	NT	PBR	PBR	Pass by Reference
Intersil	QLX4000CQSFP0828	QSFP	4x	8	28	Limiting Active - Copper	NT	NT	PBR	PBR	Pass by Reference
Intersil	QLX4000CQSFP0928	QSFP	4x	9	28	Limiting Active - Copper	NT	NT	PBR	PBR	Pass by Reference
Intersil	QLX4000CQSFP1028	QSFP	4x	10	28	Limiting Active - Copper	Pass	Pass	Yes	Yes	Tested at PF16
Intersil	QLX4000CQSFP0132	QSFP	4x	1	32	Limiting Active - Copper	Pass	Pass	Yes	Yes	Tested at PF16
Intersil	QLX4000CQSFP0232	QSFP	4x	2	32	Limiting Active - Copper	NT	NT	PBR	PBR	Pass by Reference
Intersil	QLX4000CQSFP0332	QSFP	4x	3	32	Limiting Active - Copper	NT	NT	PBR	PBR	Pass by Reference
Intersil	QLX4000CQSFP0432	QSFP	4x	4	32	Limiting Active - Copper	NT	NT	PBR	PBR	Pass by Reference
Intersil	QLX4000CQSFP0532	QSFP	4x	5	32	Limiting Active - Copper	Pass	Pass	Yes	Yes	Tested at PF16
Intersil	QLX4000CQSFP0632	QSFP	4x	6	32	Limiting Active - Copper	NT	NT	PBR	PBR	Pass by Reference
Intersil	QLX4000CQSFP0732	QSFP	4x	7	32	Limiting Active - Copper	Pass	Pass	Yes	Yes	Tested at PF16
Luxtera	LUX5010	QSFP	4x	1	Fiber	Active - Fiber	Pass	Fail	Yes	Yes	Tested at PF16
Luxtera	LUX5010-003	QSFP	4x	3	Fiber	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Luxtera	LUX5010-005	QSFP	4x	5	Fiber	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Luxtera	LUX5010-007	QSFP	4x	7	Fiber	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Luxtera	LUX5010-010	QSFP	4x	10	Fiber	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Luxtera	LUX5010-012	QSFP	4x	12	Fiber	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Luxtera	LUX5010-015	QSFP	4x	15	Fiber	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Luxtera	LUX5010-020	QSFP	4x	20	Fiber	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Luxtera	LUX5010-030	QSFP	4x	30	Fiber	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Luxtera	LUX5010-050	QSFP	4x	50	Fiber	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Luxtera	LUX5010-100	QSFP	4x	100	Fiber	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Luxtera	LUX5010-150	QSFP	4x	150	Fiber	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Luxtera	LUX5010-200	QSFP	4x	200	Fiber	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Luxtera	LUX5010-250	QSFP	4x	250	Fiber	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Luxtera	LUX5010-300	QSFP	4x	300	Fiber	Active - Fiber	Pass	Fail	Yes	Yes	Tested at PF16



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Company	Part Number	Connector Type	4x 12x	Length (m)	AWG	Equalization	M2M Interop	Q2Q Interop	DDR Certified	QDR Certified	Qualification
Mellanox	MCC4Q30C-00A	QSFP	4x	0.5	30	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Mellanox	MCC4Q30C-001	QSFP	4x	1	30	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Mellanox	MCC4Q30C-002	QSFP	4x	2	30	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Mellanox	MCC4Q28C-003	QSFP	4x	3	28	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Mellanox	MCD4Q26C-008	QSFP	4x	8	26	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Mellanox	MCC4Q28C-004	QSFP	4x	4	28	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Mellanox	MCD4Q26C-005	QSFP	4x	5	26	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Mellanox	MCD4Q26C-006	QSFP	4x	6	26	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Mellanox	MCD4Q26C-007	QSFP	4x	7	26	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Mellanox	MCC4Q30C-003	QSFP	4x	3	30	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Mellanox	MCC4L30-00A	CX4	4x	0.5	30	Unequalized	Pass	NT	Yes	No	Tested at PF16
Mellanox	MCC4L30-001	CX4	4x	1	30	Unequalized	Pass	NT	Yes	No	Tested at PF16
Mellanox	MCC4L30-002	CX4	4x	2	30	Unequalized	Pass	NT	Yes	No	Tested at PF16
Mellanox	MCC4L28-004	CX4	4x	4	28	Unequalized	Pass	NT	Yes	No	Tested at PF16
Mellanox	MCC4L28-005	CX4	4x	5	28	Unequalized	Pass	NT	Yes	No	Tested at PF16
Mellanox	MCC4L24-006	CX4	4x	6	24	Unequalized	Pass	NT	Yes	No	Tested at PF16
Mellanox	MCC4M28-010	CX4	4x	10	28	Limiting Active - Copper	Pass	NT	Yes	N/A	Tested at PF16
Mellanox	MCC4M28-012	CX4	4x	12	28	Limiting Active - Copper	Pass	NT	Yes	N/A	Tested at PF16
Mellanox	MCD4M24-015	CX4	4x	15	26	Limiting Active - Copper	Pass	NT	Yes	N/A	Tested at PF16
Molex	111025-1205	CXP	12x	5	26	Unequalized	NT	NT	Yes	Yes	Tested at PF16
Molex	111025-1203	CXP	12x	3	28	Unequalized	NT	NT	Yes	Yes	Tested at PF16
Molex	111025-1201	CXP	12x	1	30	Unequalized	NT	NT	Yes	Yes	Tested at PF16
Molex	111040-4403	QSFP	4x	4	24	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Molex	111040-4604	QSFP	4x	6	24	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Molex	111040-4606	QSFP	4x	6	24	Unequalized	Fail	Fail	Yes	Yes	Tested at PF16
Molex	111040-3404	QSFP	4x	4	25	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Molex	111040-3301	QSFP	4x	3	26	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Molex	111040-3304	QSFP	4x	3	26	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Molex	111040-3406	QSFP	4x	4	26	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Molex	111040-5501	QSFP	4x	5	26	Passive Eq In Connector	Pass	Pass	Yes	Yes	Tested at PF16
Molex	111040-3604	QSFP	4x	6	26	Unequalized	Pass	Fail	Yes	Yes	Tested at PF16
Molex	111040-3606	QSFP	4x	6	26	Unequalized	Fail	Fail	Yes	Yes	Tested at PF16
Molex	111040-3704	QSFP	4x	7	26	Passive Eq In Connector	Pass	Pass	Yes	No	Tested at PF16
Molex	111040-2103	QSFP	4x	1	28	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Molex	111040-2204	QSFP	4x	2	28	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Molex	111040-2201	QSFP	4x	2	28	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Molex	111040-2206	QSFP	4x	2	28	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Molex	111040-2304	QSFP	4x	3	28	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Molex	111040-2303	QSFP	4x	3	28	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Molex	111040-2301	QSFP	4x	3	28	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Molex	111040-2306	QSFP	4x	3	28	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Molex	111040-2403	QSFP	4x	4	28	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Molex	111040-2401	QSFP	4x	4	28	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Molex	111040-2406	QSFP	4x	4	28	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Molex	111040-2404	QSFP	4x	4	28	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Molex	111040-2504	QSFP	4x	5	28	Unequalized	Pass	Fail	Yes	Yes	Tested at PF16



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Company	Part Number	Connector Type	4x 12x	Length (m)	AWG	Equalization	M2M Interop	Q2Q Interop	DDR Certified	QDR Certified	Qualification
Molex	111040-2504	QSFP	4x	5	28	Passive Eq In Connector	Pass	Pass	Yes	Yes	Tested at PF16
Molex	111040-2506	QSFP	4x	5	28	Passive Eq In Connector	Fail	Fail	Yes	No	Tested at PF16
Molex	111040-2604	QSFP	4x	6	28	Passive Eq In Connector	Pass	Fail	Yes	No	Tested at PF16
Molex	111040-2606	QSFP	4x	6	28	Passive Eq In Connector	Fail	Fail	Yes	No	Tested at PF16
Molex	111040-1106	QSFP	4x	1	30	Unequalized	Pass	Fail	Yes	Yes	Tested at PF16
Molex	111040-1303	QSFP	4x	3	30	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Molex	111040-1304	QSFP	4x	3	30	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Molex	111040-1404	QSFP	4x	4	30	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Molex	111040-1504	QSFP	4x	5	30	Unequalized	Pass	Fail	Yes	No	Tested at PF16
Tyco Electronics	1559980-5	CX4	4x	4	28	Passive Eq In Connector	Pass	NT	Yes	N/A	Tested at PF16
Tyco Electronics	1-2064782-2	CX4	4x	1	n/a	Active - Fiber	Pass	NT	Yes	N/A	Tested at PF16
Tyco Electronics	1-2064782-1	CX4	4x	100	n/a	Active - Fiber	Pass	NT	Yes	N/A	Tested at PF16
Tyco Electronics	1-2064781-2	Hybrid - CX4 & QSFP	4x	1	n/a	Active - Fiber	Pass	NT	Yes	N/A	Tested at PF16
Tyco Electronics	1-2064781-1	Hybrid - CX4 & QSFP	4x	100	n/a	Active - Fiber	Pass	NT	Yes	N/A	Tested at PF16
Tyco Electronics	2053638-5	QSFP	4x	5	26	Unequalized	Pass	NT	Yes	Yes	Tested at PF16
Tyco Electronics	2100736-8	QSFP	4x	6	26	Passive Eq In Connector	Pass	NT	Yes	Yes	Tested at PF16
Tyco Electronics	2015446-3	QSFP	4x	12	26	Limiting Active - Copper	Pass	NT	Yes	Yes	Tested at PF16
Tyco Electronics	2053638-4	QSFP	4x	4	28	Unequalized	Pass	NT	Yes	No	Tested at PF16
Tyco Electronics	2100736-6	QSFP	4x	4	28	Passive Eq In Connector	Pass	NT	Yes	Yes	Tested at PF16
Tyco Electronics	2015446-2	QSFP	4x	10	28	Limiting Active - Copper	Pass	NT	Yes	Yes	Tested at PF16
Tyco Electronics	1-2053638-6	QSFP	4x	0.5	30	Unequalized	Pass	NT	Yes	No	Tested at PF16
Tyco Electronics	2100736-1	QSFP	4x	0.5	30	Passive Eq In Connector	Pass	NT	Yes	Yes	Tested at PF16
Tyco Electronics	2100736-2	QSFP	4x	1	30	Passive Eq In Connector	NT	NT	PBR	PBR	Pass by Reference
Tyco Electronics	2100736-3	QSFP	4x	2	30	Passive Eq In Connector	NT	NT	PBR	PBR	Pass by Reference
Tyco Electronics	2100736-4	QSFP	4x	3	30	Passive Eq In Connector	Pass	NT	Yes	Yes	Tested at PF16
Tyco Electronics	2053638-3	QSFP	4x	3	30	Unequalized	Pass	NT	Yes	Yes	Tested at PF16
Tyco Electronics	2015446-1	QSFP	4x	8	30	Limiting Active - Copper	Pass	NT	Yes	Yes	Tested at PF16
Tyco Electronics	1-2064778-2	QSFP	4x	1	n/a	Active - Fiber	Pass	NT	Yes	N/A	Tested at PF16
Tyco Electronics	1-2064779-2	QSFP	4x	1	n/a	Active - Fiber	Pass	NT	Yes	Yes	Tested at PF16
Tyco Electronics	2064779-1	QSFP	4x	2	n/a	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Tyco Electronics	2064779-2	QSFP	4x	3	n/a	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Tyco Electronics	2064779-3	QSFP	4x	5	n/a	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Tyco Electronics	1-2064779-3	QSFP	4x	7	n/a	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Tyco Electronics	2064779-4	QSFP	4x	10	n/a	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Tyco Electronics	2064779-5	QSFP	4x	15	n/a	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Tyco Electronics	2064779-6	QSFP	4x	20	n/a	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Tyco Electronics	2064779-7	QSFP	4x	25	n/a	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Tyco Electronics	2064779-8	QSFP	4x	30	n/a	Active - Fiber	Pass	NT	Yes	Yes	Tested at PF16
Tyco Electronics	2064779-9	QSFP	4x	40	n/a	Active - Fiber	Pass	NT	Yes	Yes	Tested at PF16
Tyco Electronics	1-2064779-0	QSFP	4x	50	n/a	Active - Fiber	NT	NT	PBR	PBR	Pass by Reference
Tyco Electronics	1-2064779-1	QSFP	4x	100	n/a	Active - Fiber	Pass	NT	Yes	Yes	Tested at PF16
Tyco Electronics	1-2064778-1	QSFP	4x	100	n/a	Active - Fiber	Pass	NT	Yes	N/A	Tested at PF16
Voelx	VAHS-28-0136	CXP	12x	3	28	Unequalized	NT	NT	Yes	Yes	Tested at PF16
Voelx	VAHS-30-0141	CXP	12x	1	30	Unequalized	NT	NT	Yes	Yes	Tested at PF16
Voelx	VAHS-30-0147	CXP	12x	1.5	30	Unequalized	NT	NT	Yes	Yes	Tested at PF16
Voelx	VAHS-26-0110	Hybrid - CXP & 3xQSFP	12x	4	26	Unequalized	NT	NT	Yes	Yes	Tested at PF16



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Company	Part Number	Connector Type	4x 12x	Length (m)	AWG	Equalization	M2M Interop	Q2Q Interop	DDR Certified	QDR Certified	Qualification
Volex	VAHS-28-0163	Hybrid - CXP & 3xQSFP	12x	3	28	Unequalized	NT	NT	Yes	Yes	Tested at PF16
Volex	VAHS-28-0138	Hybrid - CXP & 3xQSFP	12x	4	28	Unequalized	NT	NT	Yes	Yes	Tested at PF16
Volex	VAHS-24-0123	QSFP	4x	3	24	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Volex	VAHS-24-0124	QSFP	4x	4	24	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Volex	VAHS-24-0125	QSFP	4x	5	24	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Volex	VAHS-24-0065	QSFP	4x	7	24	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Volex	VAHS-24-0066	QSFP	4x	7	24	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Volex	VAHS-24-0104	QSFP	4x	12	24	Limiting Active - Copper	Pass	Pass	Yes	Yes	Tested at PF16
Volex	VAHS-24-0122	QSFP	4x	13	24	Limiting Active - Copper	Fail	Pass	Yes	Yes	Tested at PF16
Volex	VAHS-24-0112	QSFP	4x	15	24	Limiting Active - Copper	Fail	Fail	Yes	Yes	Tested at PF16
Volex	VAHS-26-0121	QSFP	4x	2.5	26	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Volex	VAHS-26-0122	QSFP	4x	3	26	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Volex	VAHS-26-0073	QSFP	4x	6	26	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Volex	VAHS-28-0164	QSFP	4x	2	28	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Volex	VAHS-28-0165	QSFP	4x	3	28	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Volex	VAHS-28-0106	QSFP	4x	5	28	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Volex	VAHS-28-0169	QSFP	4x	6	28	Unequalized	Pass	Pass	Yes	No	Tested at PF16
Volex	VAHS-28-0156	QSFP	4x	10	28	Limiting Active - Copper	Pass	Pass	Yes	Yes	Tested at PF16
Volex	VAHS-30-0145	QSFP	4x	0.5	30	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Volex	VAHS-30-0088	QSFP	4x	0.5	30	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Volex	VAHS-30-0089	QSFP	4x	0.5	30	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Volex	VAHS-30-0144	QSFP	4x	1	30	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Volex	VAHS-30-0152	QSFP	4x	2	30	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Volex	VAHS-30-0096	QSFP	4x	4	30	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Volex	VAHS-30-0097	QSFP	4x	4	30	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Volex	VAHS-30-0131	QSFP	4x	7	30	Limiting Active - Copper	Pass	Pass	Yes	Yes	Tested at PF16
Volex	VAHS-30-0130	QSFP	4x	7	30	Limiting Active - Copper	Pass	Pass	Yes	Yes	Tested at PF16
Volex	VAHS-32-0016	QSFP	4x	0.5	32	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Volex	VAHS-32-0017	QSFP	4x	1	32	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
Volex	VAHS-32-0019	QSFP	4x	2	32	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
W.L. Gore & Associates	QSN7000-6	QSFP	4x	6	24	Passive Eq in Wire	Pass	Pass	Yes	Yes	Tested at PF16
W.L. Gore & Associates	QSN7000-9	QSFP	4x	9	24	Passive Eq in Wire	Pass	Pass	Yes	Yes	Tested at PF16
W.L. Gore & Associates	QSN7600-5	QSFP	4x	5	26	Passive Eq in Wire	Pass	Pass	Yes	Yes	Tested at PF16
W.L. Gore & Associates	QSN7600-7	QSFP	4x	7	26	Passive Eq in Wire	Pass	Pass	Yes	Yes	Tested at PF16
W.L. Gore & Associates	QSN5800-4	QSFP	4x	4	28	Passive Eq in Wire	Pass	Pass	Yes	Yes	Tested at PF16
W.L. Gore & Associates	QSN3300-3	QSFP	4x	3	30	Unequalized	Pass	Pass	Yes	Yes	Tested at PF16
W.L. Gore & Associates	QSN3200-2	QSFP	4x	2	32	Unequalized	Pass	Pass	Yes	No	Tested at PF16
W.L. Gore & Associates	QSN3200-3	QSFP	4x	3	32	Unequalized	Pass	Fail	Yes	Yes	Tested at PF16
Zarlink Semiconductor	ZL60615MJDP	CX4	4x	1	Fiber	Active - Fiber	Pass	NT	Yes	N/A	Tested at PF16
Zarlink Semiconductor	ZL60615MJDPB	CX4	4x	2	Fiber	Active - Fiber	NT	NT	PBR	N/A	Pass by Reference
Zarlink Semiconductor	ZL60615MJDPA	CX4	4x	3	Fiber	Active - Fiber	NT	NT	PBR	N/A	Pass by Reference
Zarlink Semiconductor	ZL60615MJDPD	CX4	4x	5	Fiber	Active - Fiber	NT	NT	PBR	N/A	Pass by Reference
Zarlink Semiconductor	ZL60615MJDPD	CX4	4x	7	Fiber	Active - Fiber	NT	NT	PBR	N/A	Pass by Reference
Zarlink Semiconductor	ZL60615MJDPD	CX4	4x	10	Fiber	Active - Fiber	NT	NT	PBR	N/A	Pass by Reference
Zarlink Semiconductor	ZL60615MJDPF	CX4	4x	15	Fiber	Active - Fiber	NT	NT	PBR	N/A	Pass by Reference
Zarlink Semiconductor	ZL60615MJDPG	CX4	4x	20	Fiber	Active - Fiber	NT	NT	PBR	N/A	Pass by Reference

