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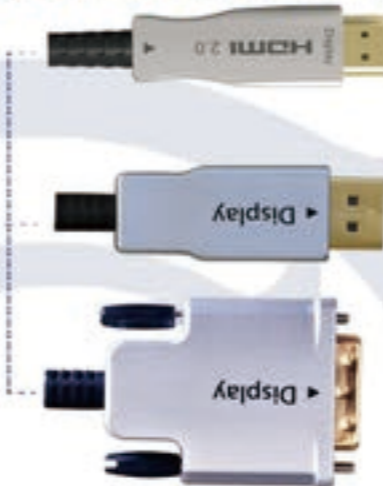


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# Removable and Exchangeable HDMI2.0 AOC/DVI/DP1.4v FIBER CABLE SYSTEM



## Advantage Comparison

	HDMI AOC	VS	NET-FIBBER UHD CABLE
	Round PVC od4.8mm		UTP CAT.5E+ OM3 OPTICAL FIBBER
	Active optical cable 1. HDMI head is too thick, can not be wall-mounted 2. core is easy to break, can not be repaired 3. Fixed single direction, wrong installation can not be repaired 4. Can not upgrade future HDMI2.1 5. signal single, DP, DVI needs in addition, purchases increase costs. 6. Active wiring, laser damage can not be repaired		Passive cable easy installation, can change connector, can change single transmission direction, Supporting following 20+ signal interface: HDMI 2.1 ,DP2.0 ,DP1.4 ,USB4 ,HDMI A-A,HDMI D-D,HDMI A-D,HDMI D-A, DVI-DVI, HDMI-DVI, DP-DP, DP-HDMI A, DP-DVI, mini DP-MINI DP, mini DP-HDMI, TYPE C-HDMI A, USB3.0-USB3.0,
	Can not UPDATE		Support Update
Application	NON-installation		Engineering Installation system

## Electrical Characteristics

Frequency MHz	Impedance ohm	RL dB	Attenuation dB/100m	Next Worst Pair/dB	ELFEXT Worst Pair/dB	ELFEXT Power Sum/dB	Nomial Velocity Propagation
0.772	100±5	15.0	2.09	61	58.0	55.0	0.65
1	100±5	15.0	2.1	60	57.0	54.4	0.65
4	100±5	15.0	4.0	51.8	45.0	42.4	0.65
8	100±5	15.0	5.7	47.1	38.9	36.3	0.65
16	100±5	15.0	6.3	45.5	37.0	34.4	0.65
10	100±5	15.0	8.2	42.3	32.9	30.3	0.65
20	100±5	15.0	9.2	40.7	31.0	28.4	0.65
25	100±5	14.3	10.3	39.1	29.0	26.4	0.65
31.25	100±5	13.6	11.5	37.6	27.1	24.5	0.65
62.5	100±5	11.5	16.7	32.7	21.1	18.5	0.65
100	100±5	10.1	21.6	29.3	17.0	14.4	0.65

## Optical Fiber

OM4 bending insensitive fiber

OM3 bending insensitive fiber

Length

40&100Gbps link length based on IEEE802.3ba standard(850nm)



10Gbps link length based on IEEE802.3ae standard(850nm)

OM4 bending insensitive fiber

OM3 bending insensitive fiber

OM2+ bending insensitive fiber

Length



1Gbps link length based on IEEE802.3z standard(850nm)

OM4 bending insensitive fiber

OM3 bending insensitive fiber

OM2+ bending insensitive fiber

Length



- HDMI 2.0 A-A
- HDMI D-D
- HDMI A-D
- HDMI D-A
- DVI-DVI
- HDMI-DVI
- DVI-HDMI
- DP-DP 1.4
- DP-HDMI A
- MINI DP-MINI DP
- MINI DP-DP
- MINI DP-HDMI
- TYPE C-HDMI A
- USB 3.0-USB 3.0
- RJ45-RJ45
- LC-LC
- SC-SC
- FC-FC
- ST-ST
- MPO-MPO