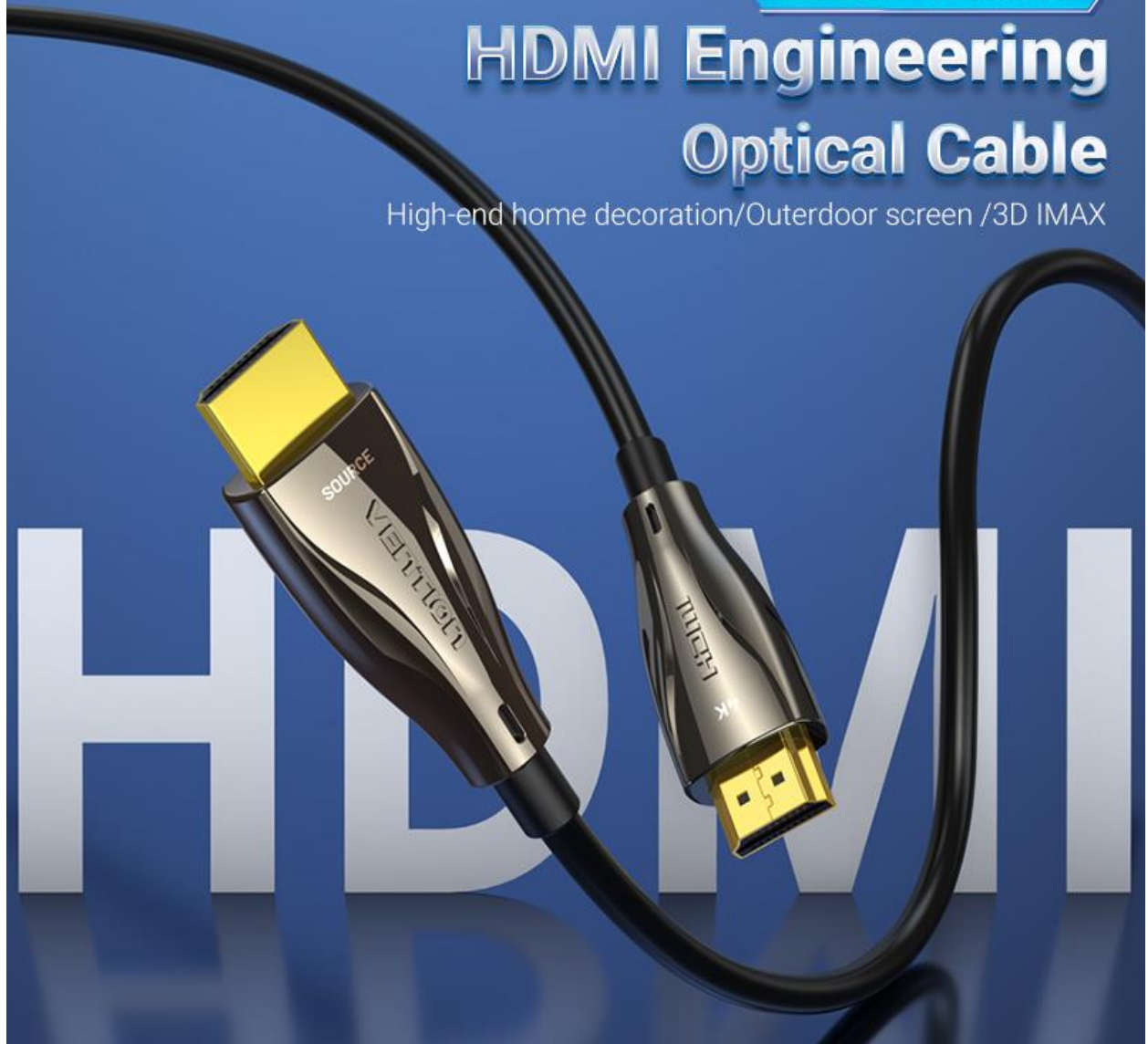


4K UHD resolution







HDMI Engineering Optical Cable

High-end home decoration/Outdoor screen /3D IMAX



Multiple Merits

Support 3840*2160@60Hz resolution and refresh rate,
vivid picture quality with lifelike experience

	Signal conversion Optical conversion chip for high-fidelity signal conversion
	No latency Instant conversion without signal lag
	Anti-magnetic disturbance Optical signal with lifted anti-interference ability
	Long distance transmission Low attenuation optical signal transmission for longer transmission distance
	Low power consumption Power≤250mW, independent use without external power supply
	No radiation Radiation free optical signal, safer using environment

4k@60Hz Resolution

Delicate picture for extra image detail

18Gbps
total bandwidth

HDR
image output

HDCP2.2
HD protocol

4 : 4 : 4
color gamut



More Functions

	Version 2.0
Picture quality	3D video Support 4K, 3840*2160 resolution Support 4K@60Hz Support 21 : 9 ratio
Audio quality	Support mutiple audio channels 32-bit audio channel Audio&video in synchronization 1536kHz audio sampling rate
Transmission rate	18Gbps theoretical bandwidth



Optical Signal Delivery

High quality optical digital conversion module,
one hundred meters transmission without signal loss



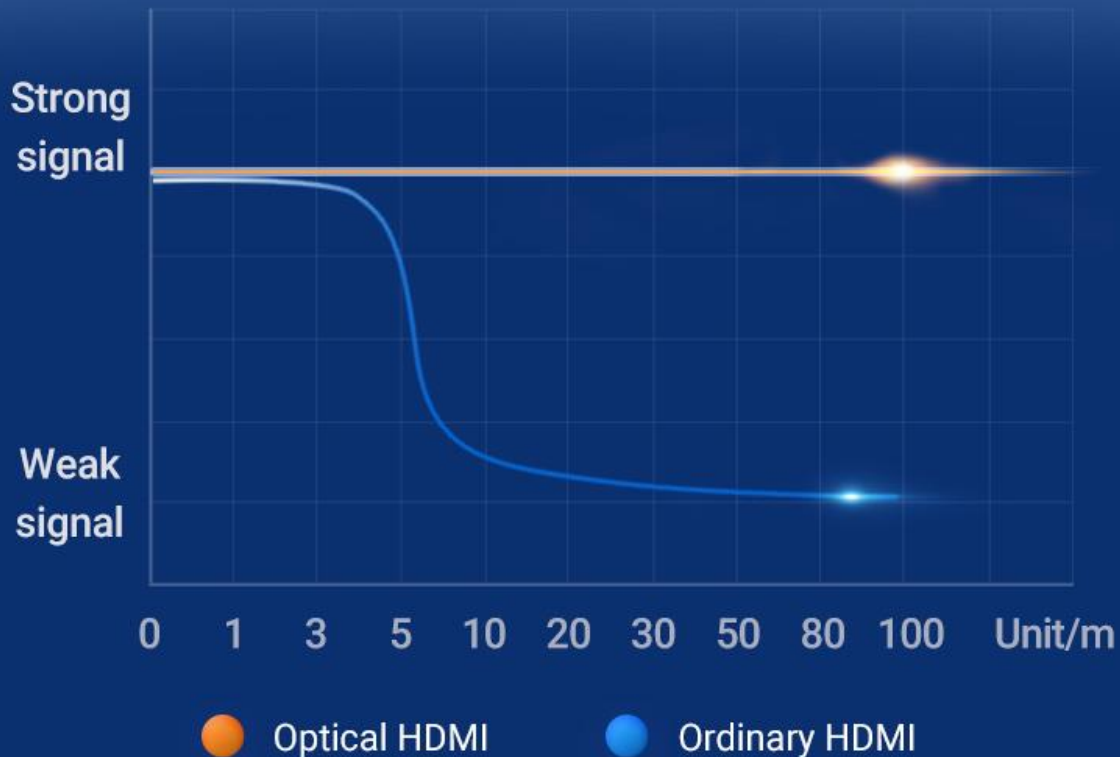
No latency

Low-attenuation to Nearly Zero

100m transmission with nearly zero signal attenuation



No attenuation



Note: all data are from Vention lab

4-core Optical Fiber

With 4-core optical fiber deliver TMDS signal,
avoid mutual high-frequency interference



No
interference

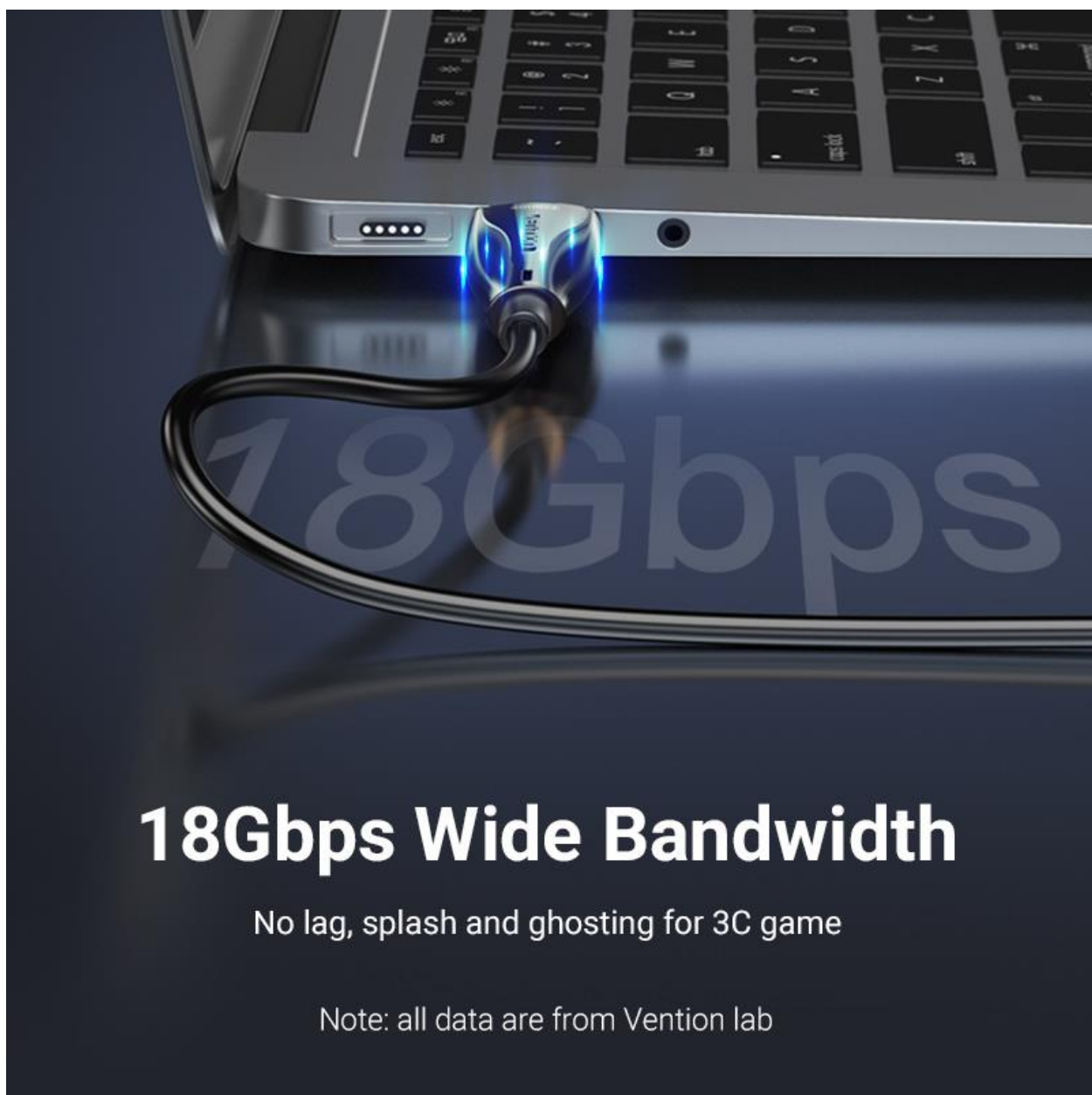
PVC jacket

Aluminum foil

Tinned-copper
conductor

4-core
optical fiber





18Gbps Wide Bandwidth

No lag, splash and ghosting for 3C game

Note: all data are from Vention lab

Connection Guidance

This product is directional, please confirm the
SOURCE/DISPLAY ends before cabling

SOURCE
(To signal source)



PC



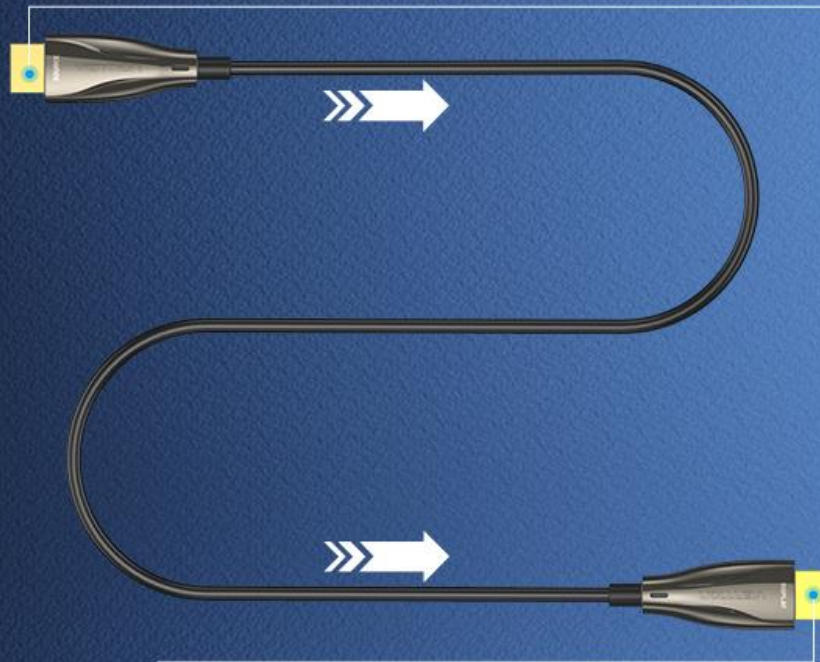
Laptop



TV box



PS3/4/5



TV



Monitor



Projector

DISPLAY
(To display device)

Zinc Alloy Shell

Tougher than aluminum alloy for longer service time



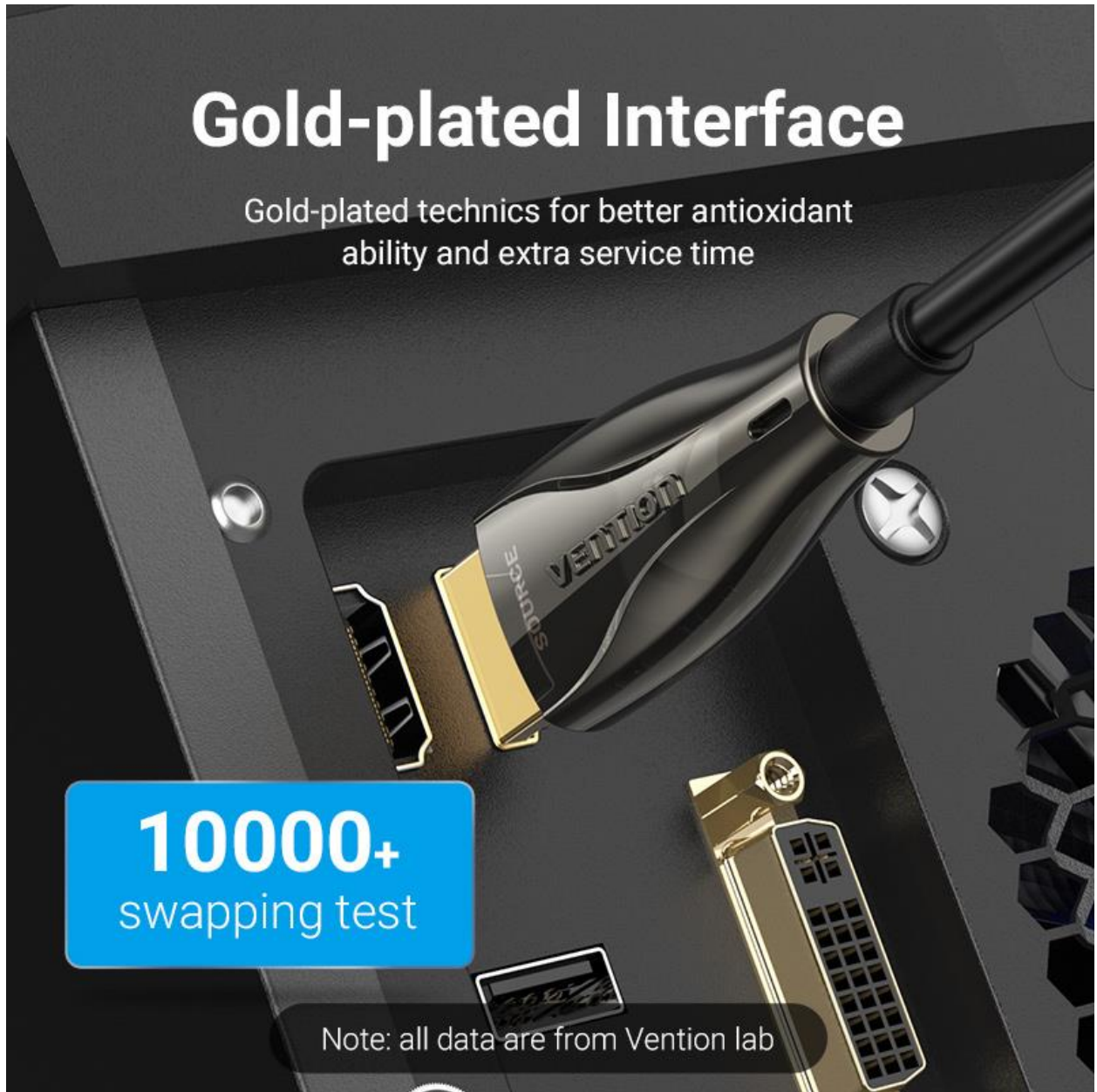
	Toughness	Stretching ability
Zinc alloy	65-140	260-440
Aluminum alloy	45-90	120-290

Gold-plated Interface

Gold-plated technics for better antioxidant ability and extra service time

10000+
swapping test

Note: all data are from Vention lab



Thinner Cable Diameter

PVC jacket with features of flexibility and durability

4.5mm OD

A black cable is shown against a dark blue background. The cable is bent into a loop. A blue callout box with the text "4.5mm OD" is connected by a thin blue line to a measurement point on the cable. The measurement is indicated by two short blue horizontal lines and a central blue dot, showing the outer diameter of the cable.

Note: all data are from Vention lab

Application Scene



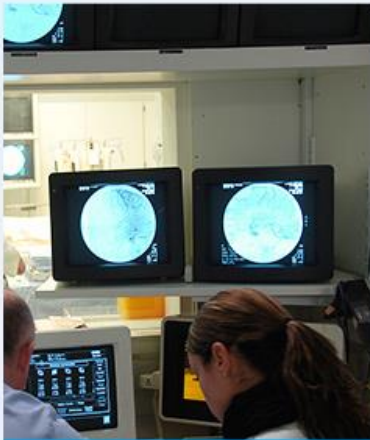
Home cabling



CCTV monitoring



Television broadcast



Medical equipment



Outdoor screen



Theater cabling







Zinc Alloy Shell

Tougher than aluminum alloy for longer service time



	Toughness	Stretching ability
Zinc alloy	65-140	260-440
Aluminum alloy	45-90	120-290

Note: all data are from Vention lab

Product Parameters

Brand: Vention	Shell: Zinc alloy
Name: Optical HDMI	Chip: Optical digital conversion chip
Male to Male HD cable	Shielding: Aluminum foil
Model: ALA	Jacket: PVC
Color: Black	AWG: 30AWG+28AWG+26AWG
Interface: HDMI-A	OD: 4.5mm
Interface Technics: Gold-plated	Length: 1.5-100m
Resolution: 4K@60Hz	Warranty: 1 Year
Transmissin rate: 18Gbps	Packing: Color box (1.5-40m)/
Conductor: Tinned-copper+	Gift package (50-100m)
optical fiber	



Note: All data are from Vention lab.
Sizes above are manually measured. There might be slight tolerance

FAQ

Q

Is there radiation in optical transmission?

A

The optical signal itself has no radiation, so it is safer to use.

Q

When using the connection, can the ends be connected at will regardless of the direction?

A

This product does not support reverse transmission. Please make sure the direction is correct before connecting.

Q

In engineering cabling, does long-distance transmission have any effect on the signal?

A

Optical fiber transmission, large amount of communication, low attenuation, suitable for transmission of 100 meters.

Q

Are the fiber-optic HDMI cables fragile and need to be used with care?

A

According to the test of Vention Laboratory, this product can withstand the bending radius of about 46mm and the bending Angle of 60°. It has no effect on the signal transmission and can be safely used.



Color Box(1.5-5m)



Color Box(10-40m)



Gift Box(50-100m)

Note: Packing difference exists for different meters or batches.
The photo is for reference only