

# Cat.8 Patch Cable

40Gbps  
2000MHz

28AWG  
Oxygen free copper core

SFTP  
Shielding

PVC  
Jacket



# 40Gbps Transmission Rate 2000MHz Frequency Bandwidth

HD video steaming/Gaming stable/Download fast

40  
Gbps



# Oxygen Free Copper Core

4 twisted pairs resist external electromagnetic interference

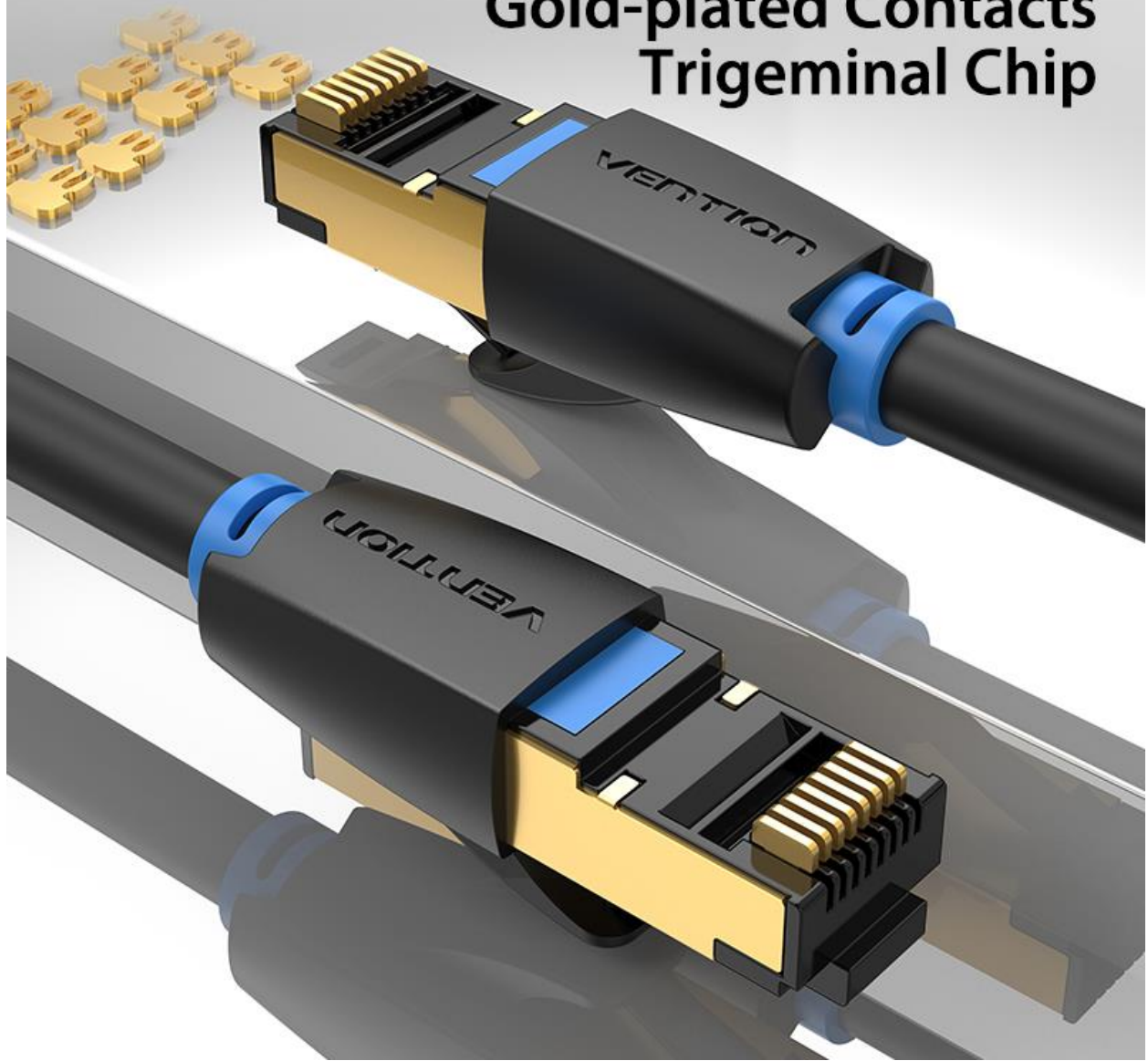


# Copper Shell Gold-plated Crystal Head

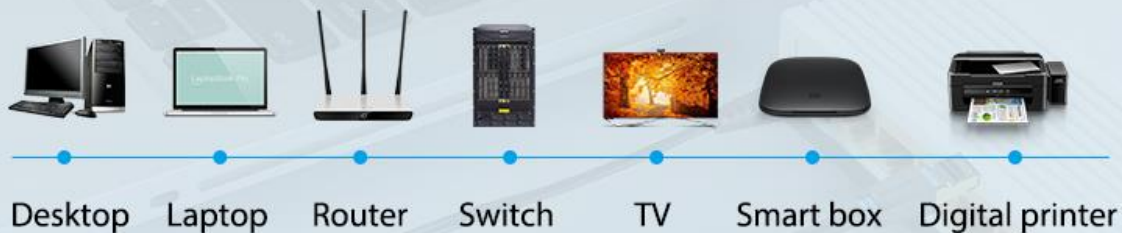
Connections for your audio visual enjoyment



**Gold-plated Contacts  
Trigeminal Chip**



# Multiple Devices and Scenes



Home / Office



Internet Cafe / Community



Supermarket / Department Store



KTV / Club



Hotel



School / Building

VENTION®

**CAT 8**

40Gbps

# CAT8

Breathtaking Speed



40Gbps



Multi-layer sheilding



2000MHz

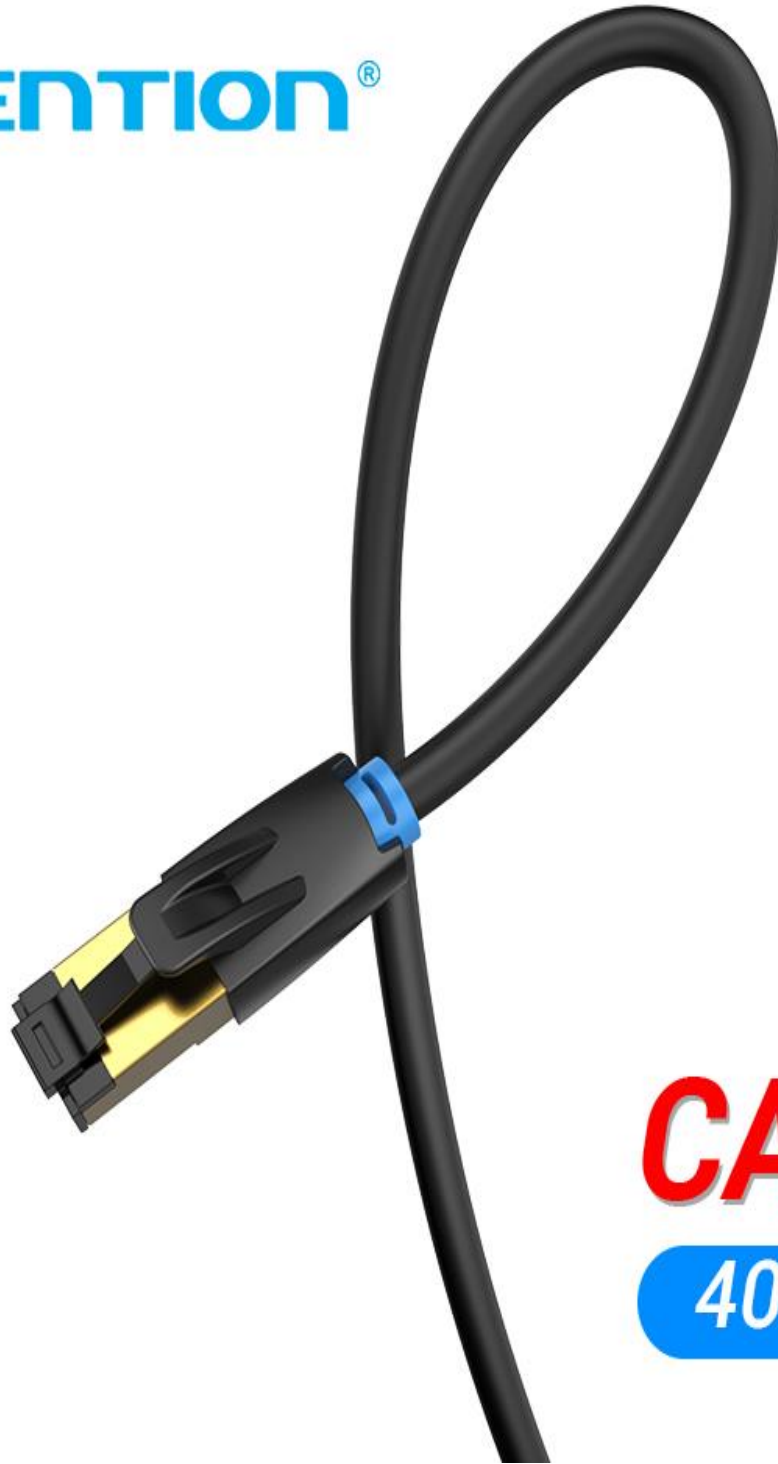


Wear resistance





**VENTION®**



***CAT 8***

**40Gbps**

# Aluminum Foil Metal Braided Mesh

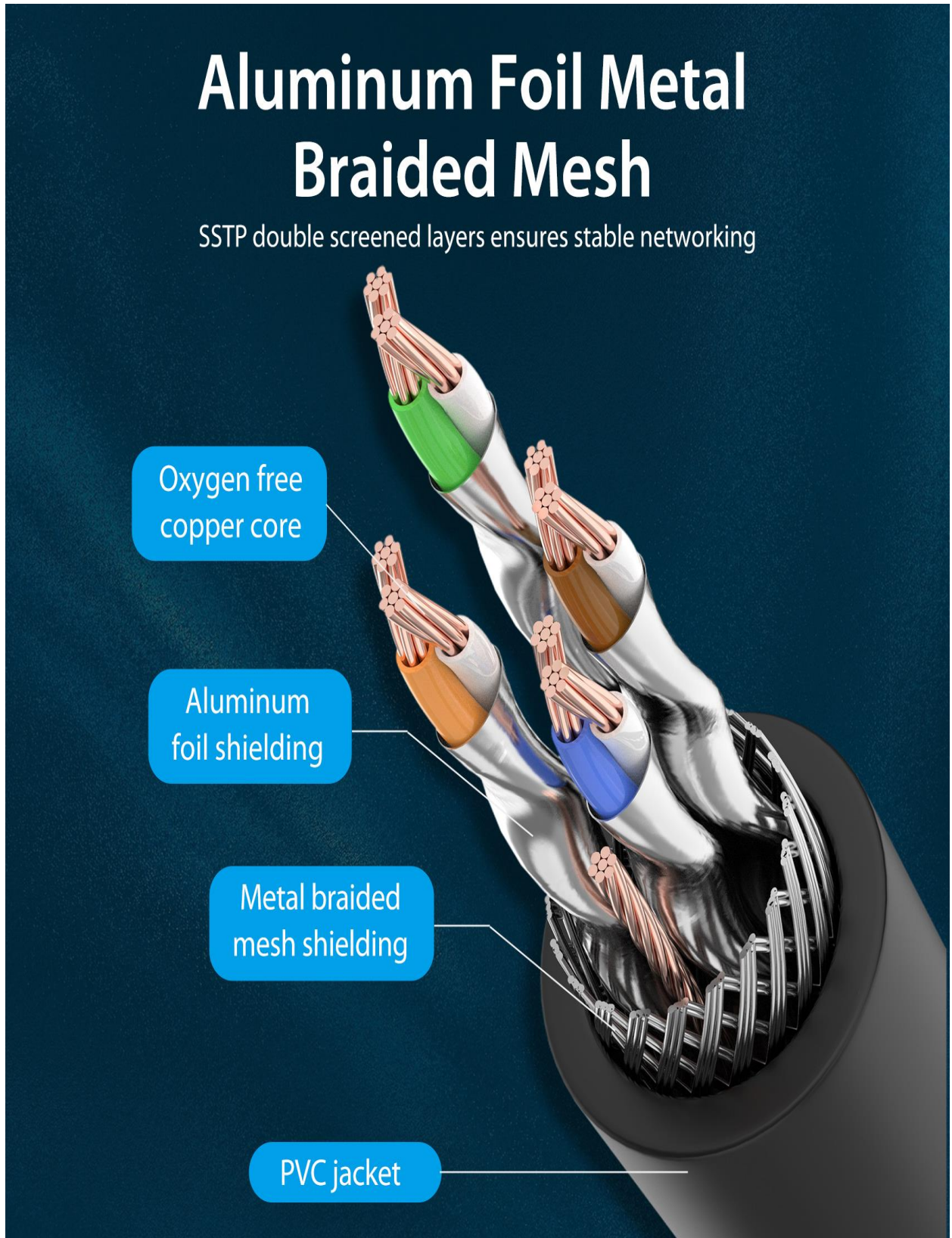
SSTP double screened layers ensures stable networking

Oxygen free  
copper core

Aluminum  
foil shielding

Metal braided  
mesh shielding

PVC jacket





**Cable ID: CAT8 S/FTP 7/0.127BC FUMAO HEISE2M-4**

**Test Summary: PASS**

Date / Time: 08/27/2019 06:50:13 PM

Operator: GAO NIAN

Model: DSX-8000

Headroom 10.9 dB (NEXT 3,6-4,5)

Software Version: V6.0 Build 6

Main S/N: 1710090

Test Limit: TIA Cat 8 Channel

Limits Version: V7.0

Remote S/N: 1710089

Cable Type: Cat 8 S/FTP

Calibration Start Date:

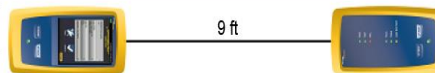
Main Adapter: DSX-CHA804

NVP: 78.0%

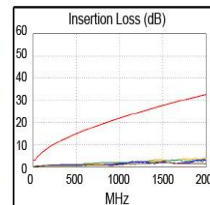
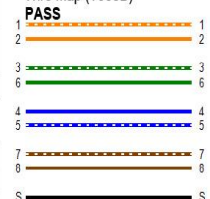
Main (Module): 06/11/2017

Remote (Module): 06/11/2017

|                               |            |        |
|-------------------------------|------------|--------|
| Length (ft), Limit 98         | [Pair 1,2] | 9      |
| Prop. Delay (ns), Limit 179   | [Pair 7,8] | 11     |
| Delay Skew (ns), Limit 17     | [Pair 1,2] | 0      |
| Resistance (ohms), Limit 6.40 | [Pair 1,2] | 0.69   |
| Insertion Loss Margin (dB)    | [Pair 1,2] | 28.8   |
| Frequency (MHz)               | [Pair 1,2] | 1988.0 |
| Limit (dB)                    | [Pair 1,2] | 32.6   |

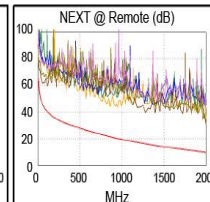
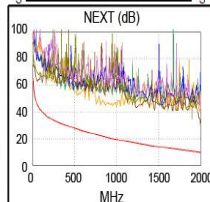


Wire Map (T568B)

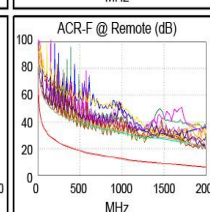
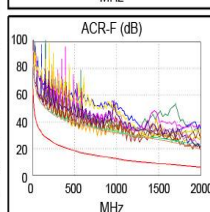


Worst Case Margin Worst Case Value

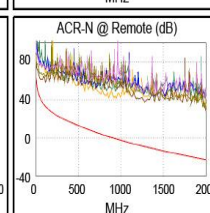
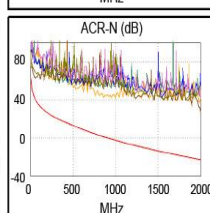
| PASS         | MAIN    | SR      | MAIN    | SR      |
|--------------|---------|---------|---------|---------|
| Worst Pair   | 3,6-4,5 | 3,6-4,5 | 3,6-4,5 | 3,6-4,5 |
| NEXT (dB)    | 10.9    | 12.5    | 20.1    | 21.3    |
| Freq. (MHz)  | 2.9     | 4.1     | 2000.   | 2000.   |
| Limit (dB)   | 65.0    | 63.6    | 9.8     | 9.8     |
| Worst Pair   | 3,6     | 3,6     | 4,5     | 3,6     |
| PS NEXT (dB) | 13.3    | 14.3    | 22.3    | 21.9    |
| Freq. (MHz)  | 2.9     | 4.3     | 2000.   | 1998.   |
| Limit (dB)   | 62.0    | 60.1    | 7.3     | 7.4     |



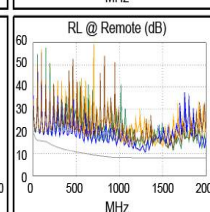
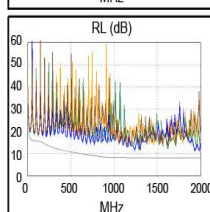
| PASS          | MAIN    | SR      | MAIN    | SR      |
|---------------|---------|---------|---------|---------|
| Worst Pair    | 7,8-4,5 | 3,6-4,5 | 7,8-4,5 | 3,6-4,5 |
| ACR-F (dB)    | 13.4    | 13.3    | 13.4    | 13.3    |
| Freq. (MHz)   | 1950.   | 1910.   | 1950.   | 1910.   |
| Limit (dB)    | 6.2     | 6.3     | 6.2     | 6.3     |
| Worst Pair    | 4,5     | 4,5     | 4,5     | 4,5     |
| PS ACR-F (dB) | 13.6    | 14.1    | 13.7    | 14.2    |
| Freq. (MHz)   | 1952.   | 1908.   | 1956.   | 1958.   |
| Limit (dB)    | 3.2     | 3.4     | 3.1     | 3.1     |



| N/A           | MAIN    | SR      | MAIN    | SR      |
|---------------|---------|---------|---------|---------|
| Worst Pair    | 3,6-4,5 | 3,6-4,5 | 3,6-4,5 | 3,6-4,5 |
| ACR-N (dB)    | 13.8    | 15.4    | 49.7    | 50.9    |
| Freq. (MHz)   | 2.9     | 4.1     | 2000.   | 2000.   |
| Limit (dB)    | 62.0    | 60.6    | -22.9   | -22.9   |
| Worst Pair    | 3,6     | 3,6     | 4,5     | 3,6     |
| PS ACR-N (dB) | 16.2    | 17.2    | 51.8    | 51.8    |
| Freq. (MHz)   | 2.9     | 4.3     | 2000.   | 1998.   |
| Limit (dB)    | 59.0    | 57.1    | -25.3   | -25.3   |



| PASS        | MAIN  | SR    | MAIN  | SR    |
|-------------|-------|-------|-------|-------|
| Worst Pair  | 4,5   | 3,6   | 4,5   | 3,6   |
| RL (dB)     | 3.2   | 3.7   | 3.2   | 3.7   |
| Freq. (MHz) | 1938. | 1620. | 1938. | 1620. |
| Limit (dB)  | 8.0   | 8.0   | 8.0   | 8.0   |



Compliant Network Standards:

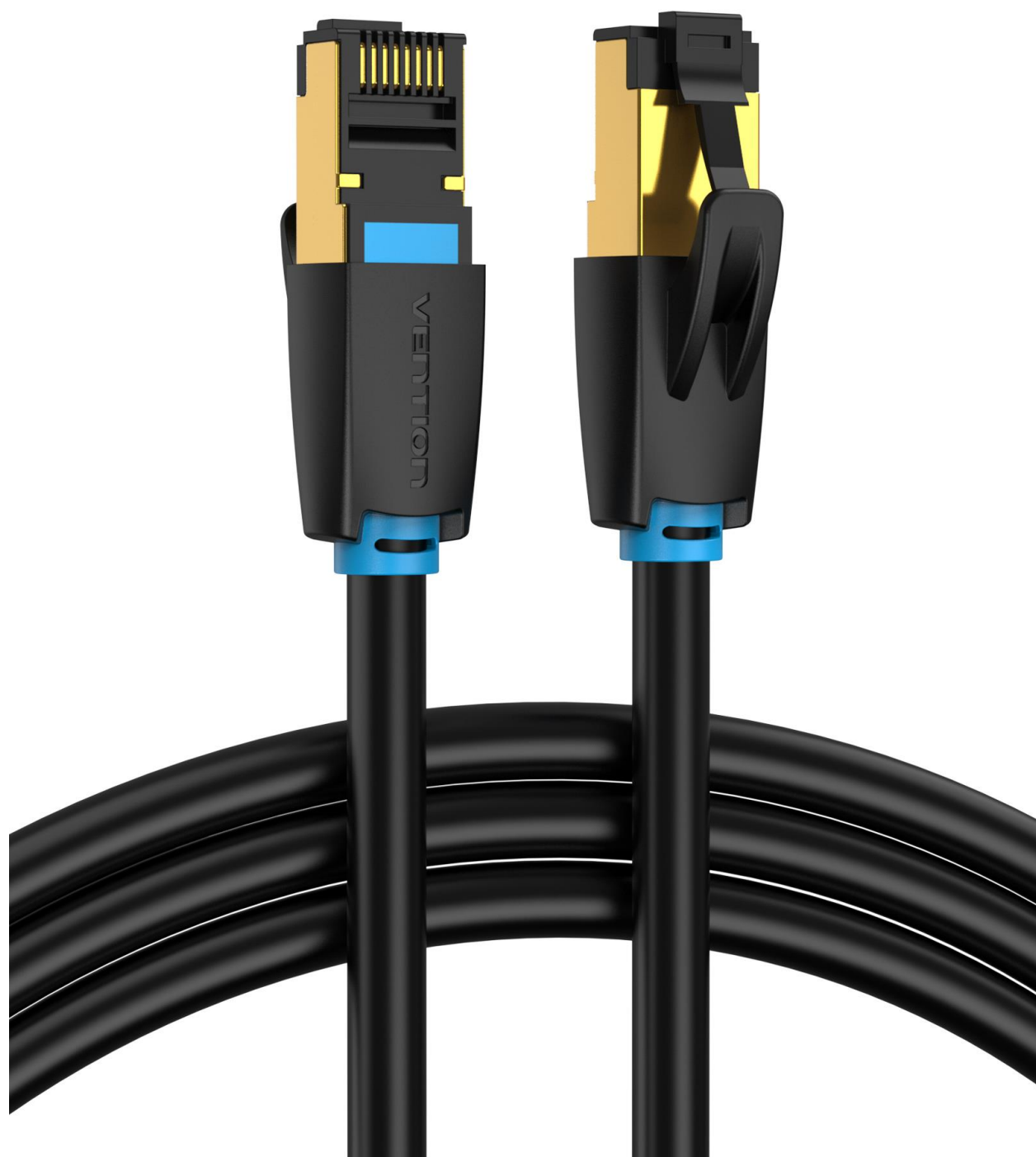
|               |            |              |
|---------------|------------|--------------|
| 10BASE-T      | 100BASE-TX | 100BASE-T4   |
| 1000BASE-T    | 2.5GBASE-T | 5GBASE-T     |
| 10GBASE-T     | 25GBASE-T  | 40GBASE-T    |
| ATM-25        | ATM-51     | ATM-155      |
| 100VG-AnyLan  | TR-4       | TR-15 Active |
| TR-16 Passive |            |              |

LinkWare™ PC Version 10.3

Project: DEFAULT

Untitled1

**FLUKE**  
networks

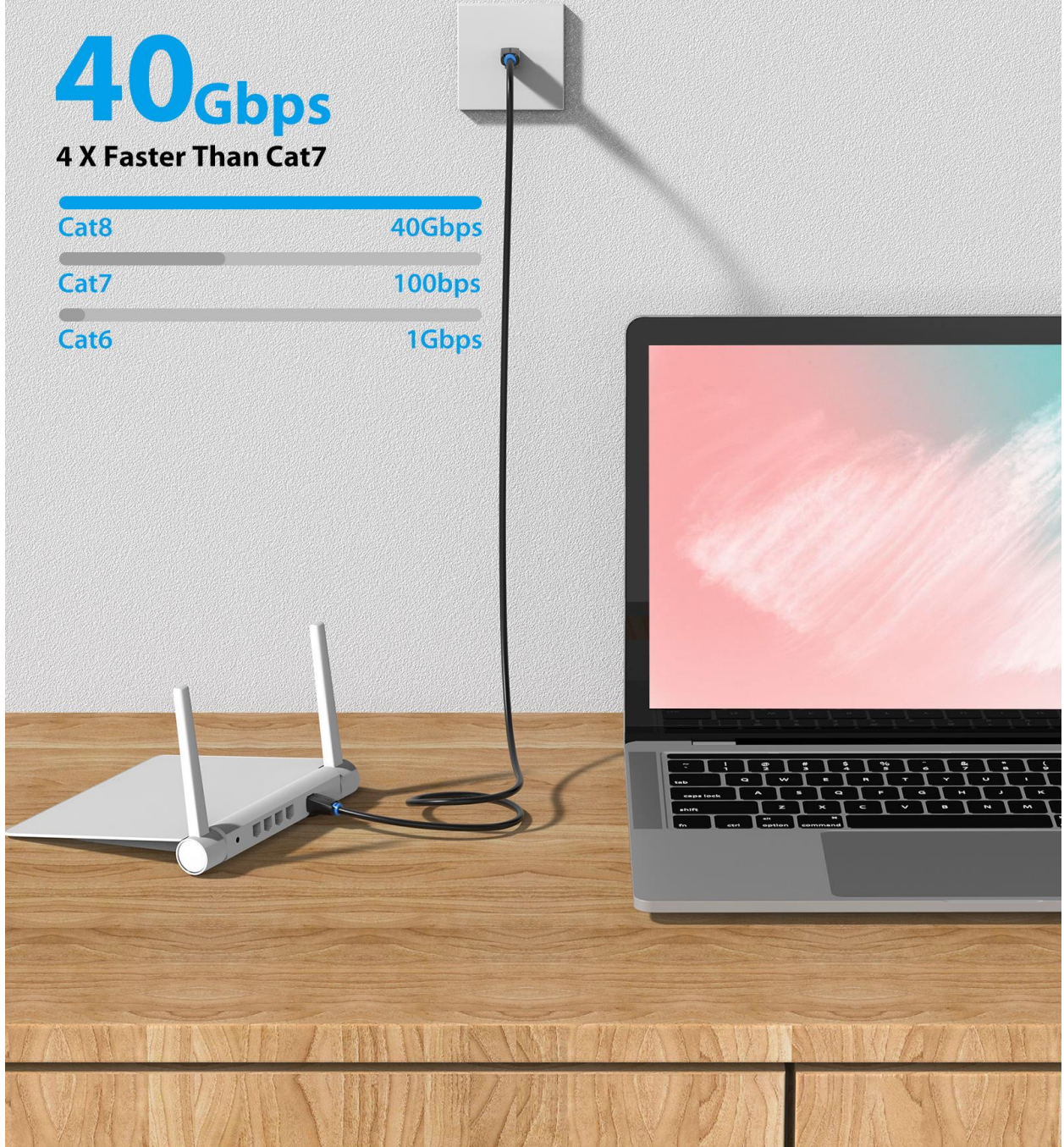


# High Speed Cat 8

**40Gbps**

**4 X Faster Than Cat7**

|      |        |
|------|--------|
| Cat8 | 40Gbps |
| Cat7 | 100bps |
| Cat6 | 1Gbps  |





# Wide

Wide Compatibility



PS5/PS4



Switch



Modem



Router



Smart TV



Laptop



Computer



Sky Box



Network Printer



Xbox One/X/S



