

ETHERNET CABLES

EXPERIENCE NEXT GEN SPEED, VERSATILITY AND FIDELITY



Ethernet cables fulfill that requirement. The flat grooved structure and parallel conductors are a radical departure from the round structure and twisted conductors of conventional high speed Ethernet cables. This flat design was developed to improve performance and solve common installation challenges. The performance advantage can be used to overcome length limitations in addition to providing the most lifelike reproduction of streamed music and video.

The new Category 8 cabling standard was created to make 40 Gigabit Ethernet possible. Even though media networks now run far below that speed, cables that support higher speeds have been found to improve the quality of audio and video streaming. Those improvements are possible because streamed (UDP/IP) signals suffer from data losses that cannot be repaired by the error correction systems that preserve normal (TCP/IP) file transfers. The losses in normal file transfers are fully corrected as the system automatically resends multiple times to replace missing data. Streamed music and video can only be sent once, so missing data cannot be replaced. That's why the cleaner waveforms delivered by Wireworld Ethernet cables can make such great improvements in sound and image quality.

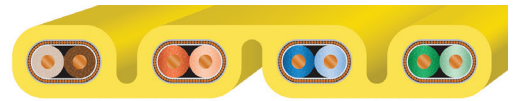
As network speeds have increased, the cables that can keep up have become stiffer and more difficult to install. Wireworld developed the Starlight Category 8 Ethernet cable to overcome those issues with a flat flexible design that goes where you want and is also easy to assemble. With next generation performance and versatility, Wireworld Ethernet cables provide consumers and IT professionals with new installation options and the ultimate in streaming fidelity.

Wireworld Ethernet cables use an innovative flat design to support next generation Category 8 transmission speeds while providing greater flexibility and ease of use than conventional round Ethernet cables. Even though they have full sized 23 gauge conductors and triple-shields on each conductor pair, this patent pending Tite-Shield design is just a tenth of an inch thick. This elegant cable structure also simplifies assembly with Wireworld shielded RJ-45 plugs.

Wireless networking is very convenient, but wired Ethernet networks remain the industry standard for speed, security and fidelity. As wired networks evolve, so does the need for cables that support faster transmission. Wireworld

SPECIFICATIONS

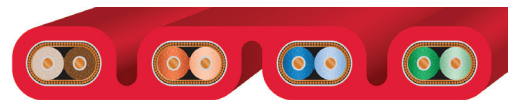
- Impedance: 100 ohms
- Shields: 100% coverage
- Bandwidth: 2GHz
- Data rate: 40-Gbit/sec @30 meters



Chroma™ Cat8 Ethernet

CHE (Standard Termination)
CCE (Crossover Termination)

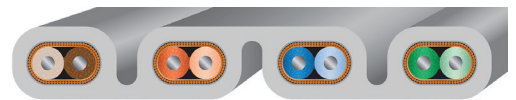
- Conductors: 23AWG Solid OFC



Starlight® Cat8 Ethernet

STE (Standard Termination)
SCE (Crossover Termination)

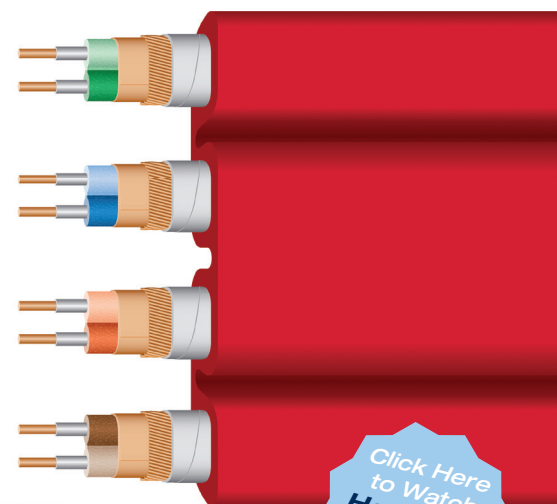
- Conductors: 23AWG Solid Silver-clad OFC



Platinum Starlight® Cat8 Ethernet

PSE (Standard Termination)
PCE (Crossover Termination)

- Conductors: 23AWG Solid OCC-7N Silver



Click Here
to Watch
How Easy
Starlight is to
Assemble



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