



HEIMDALL 2 4K UHD

High speed digital signaling revolutionized the consumer electronics industry when it was first introduced in 2002. Since its first iteration, high definition technology has gone through several revision changes, modifying specifications and undergoing upgrades both in electronics and the transmission line itself. Today this technology has evolved beyond standard and even high speed high definition into an entirely new category: UHD. Ultra High Definition requires quadruple the size in bandwidth as its predecessors and introduces 4K feature sets, including increased frame rates and Deep Color.

Nordost's Heimdall 2 4K UHD Cable is the only cable on the market that can deliver the true experience promised from 4K compatible components. Every aspect in design and build material used in the construction of this cable was specifically chosen to increase bandwidth and data transfer speed (which must fall between 10.2 and 18GHz to qualify as a true UHD cable), while simultaneously eliminating harmful factors such as jitter, timing errors and crosstalk. The Heimdall 2 4K UHD Cable is constructed using solid core conductors, which have been plated with silver in order to enhance the flow of ultra-high frequency current used to carry TMDS (Transition Minimized Differential Signaling) from transmitter to receiver. The conductors are then wrapped in Nordost's proprietary Micro Mono-Filament technology, increasing the velocity of propagation by 20%, and

arranged in a twin-axial, shielded pair design. This design topology allows for shorter and more accurate wire lengths, which in turn reduces errors, while shielding overcomes any crosstalk issues.

Heimdall 2 4K UHD Cables are handmade in Nordost's Massachusetts-based factory. Nordost is the only cable manufacturer with the ability to design each function of the UHD interface, assemble, and test the performance of every 4K UHD cable produced. By keeping the production of this cable in the USA, Nordost can ensure premium quality and an adherence to specification standards that is impossible for companies that outsource their manufacturing.

- **Insulation:** Fluorinated Ethylene Propylene (FEP)
- **Construction:** Mechanically tuned lay, Micro Mono-Filament, twin-axial shielded pair design
- **Conductors:** 19 x 25 AWG
- **Material:** Silver-plated 99.99999% solid core OFC
- **Overall Shield Coverage:** 100% Total coverage
- **Velocity of Propagation:** 86%
- **Termination:** Gold-plated, shielded, 19 pin, type A, High Definition connector
- **Approvals:** DPL 4K Certification



NORDOST

MAKING THE CONNECTION

Nordost 93 Bartzak Drive Holliston MA 01746 USA

Tel: +1 508 893 0100
Fax: +1 508 893 0115
Email: info@nordost.com
Website: www.nordost.com

