

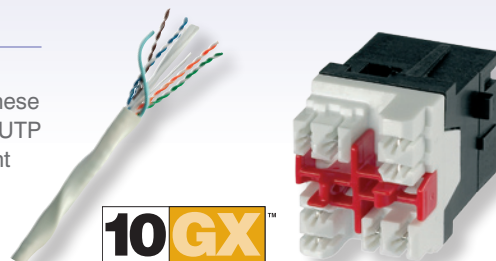
# Belden

The Belden IBDN structured cabling system and solution is the result of the merger combining the former Belden cable technology and the former Nordx IBDN system.

The Belden IBDN system is a complete end-to-end, warranted system for both Copper and Fiber networks. Belden IBDN systems offer four high performance, end-to-end solutions that are optimised for the Gigabit-networking era by providing superior performance beyond standards: Belden IBDN System 10GX, Belden IBDN System 4800LX, Belden IBDN System 2400 and Belden IBDN System 1200.

## Belden IBDN System 10GX

The Belden IBDN 10GX system is not an improved or boosted Category 6 system, but a revolutionary innovation designed around a series of dynamic enabling technologies. These enabling technologies yield performance that is unmatched in any other 10Gig capable UTP cabling system. 10 Gigabit Ethernet is a viable solution for data centers and other current applications. It can also provide the extended bandwidth and reliable power distribution required to handle new and emerging applications for which there is growing demand.



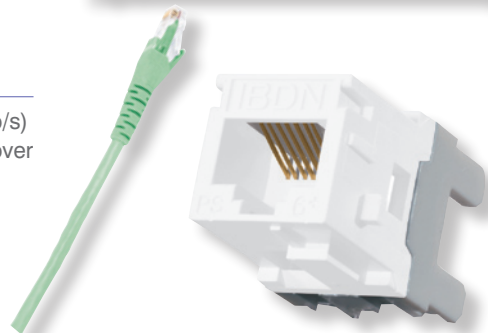
## Belden IBDN System 4800LX

The Belden IBDN system 4800LX offers performance Beyond Cat6® for the utmost in signal reliability. This enhanced Cat. 6 system supports the most demanding, ultra-high speed and multi-Gigabit protocols and is the industry's first 300 MHz system, far exceeding all TIA/EIA specifications.



## Belden IBDN System 2400

The System 2400 exceeds TIA/EIA Category 6 Standards. It supports high-speed (2.4 Gb/s) network applications such as Gigabit Ethernet and delivers 250 MHz — a 25% increase over the 200 MHz bandwidth of typical Cat. 6-compliant channels. The System 2400 provides the performance, throughout and reliability necessary to keep your critical applications operating at peak performance. The System 2400 cable is a filler-less Category 6 cable meaning the cable is easier to work with and yield better fill in cable trays.



## Belden IBDN System 1200

This Category 5e System was developed to support high-speed network applications such as Gigabit Ethernet and provides clear bandwidth up to 160 MHz; an increase of 60% over Cat 5e standard of 100 MHz. Standards organizations and industry associations such as TIA/EIA and IEEE now recommend Category 5e cabling systems for all new cabling installations.



## Gigabix Featuring BIX Technology

This uniquely designed solution is centred around an extremely compact connector equipped with double-sided Insulation Displacement Connection (IDC) clips. The benefit is a considerable reduction in the space that would be required by conventional connecting systems of the same pair count.



## Bonded-Pair Cable Technology

This patented cable technology offer Installable Performance; that is the ability of the cable to perform the same on the reel or off the reel. Bonded Pair cables are not affected by adverse installation conditions and are designed to withstand even the most strenuous installs. Bonded Pair cables are featured in all of the Belden IBDN Systems.

## Gigaflex Modules

These punch down UTP connectors are based on a patented Encapsulated Lead Frame technology that ensures long-term reliability, as well as extremely stable transmission performance.

**BELDEN**  
SENDING ALL THE RIGHT SIGNALS

**BELDEN IBDN™**