

Comcast Selects Tyco Electronics Cabling for Comcast Center



Comcast Corporate Headquarters Network Infrastructure Powered by Tyco Electronics Cabling Technology

Comcast Corporation selected Tyco Electronics AMP NETCONNECT XG shielded copper cabling and AMP-TWIST jacks to support a brand new headquarters location and to realize the benefits of network technology engineered to support today's bandwidth hungry business applications and future demand for even more speed and network power.

The Comcast office network runs on more than 2 million feet of AMP NETCONNECT cabling technology in the tallest office building in downtown Philadelphia, PA. The network serves more than 1,900 Comcast employees, technology R&D labs, enhanced training areas, technology demonstration areas, and as a new headquarters for Comcast University.

The Challenge: Physical organization of the cables while moving to VOIP

Comcast decided to make the move to power over Ethernet and transition to a Voice over Internet Protocol (VOIP) network. In evaluating network cabling infrastructure solutions head-to-head, only AMP NETCONNECT cabling products demonstrated long-term reliability, high performance, and ease of installation.

“The AMP NETCONNECT XG shielded system has been successfully in place for two years. The reliability of the infrastructure is something only Tyco Electronics could have provided to us.”

– Charles Cerino, Vice President of Network Technology for Comcast



2.1 million feet of cabling and 27,000 AMP-TWIST jacks are installed in the Comcast Center.

THE PROJECT SNAPSHOT

Opportunity:

- Install XG Shielded copper cabling system as part of corporate HQ strategy to support present and future high bandwidth business applications

Why AMP NETCONNECT Cabling?

- Best-of-breed network cabling infrastructure solution from a single-source provider
- Solution reliability
- Low maintenance product
- “Connectorization” – easy ability to match cable to fixture

Solution:

- 2.1 million feet of AMP NETCONNECT XG Shielded copper cabling
- 27, 000 AMP TWIST jacks

Comcast's Results:

- Established future-ready, high performance network cabling infrastructure
- Increased end-user satisfaction, solidly reliable network
- Met all construction and installation related project deadlines with ease of installation

Benefits of the AMP NETCONNECT XG shielded copper system:

- Fast installation
- Space efficiency improvement of up to 40%
- Highest performance
- Elimination of ANEXT
- Superior shannon capacity
- 90 second or less termination time with AMP-TWIST jacks
- AMP NETCONNECT's specialized SL series termination tool

The Solution: AMP NETCONNECT XG shielded copper for a future-ready network

An AMP NETCONNECT registered contractor installed the communications cabling in the 975-foot-tall tower. Because the Comcast Center design included multiple 10 Gigabit drops to the desktop, choosing the right cabling technology was critical. After a thorough technical evaluation of available 10 Gigabit solutions, the AMP NETCONNECT XG shielded copper system was selected. 2.1 million feet of cabling and 27,000 AMP-TWIST jacks of the XG shielded copper system were installed in the Comcast Center.



Physical organization of the cabling systems was an important criterion for Comcast.



Space savings and improved heat dissipation are two of the benefits Comcast has realized.

About Comcast

Comcast Corporation (Nasdaq: CMCSA, CMCSK) (www.comcast.com) is one of the nation's leading providers of entertainment, information and communication products and services. With 23.6 million cable customers, 15.9 million high-speed Internet customers, and 7.6 million Comcast Digital Voice customers, Comcast is principally involved in the development, management and operation of cable systems and in the delivery of programming content.

Comcast's content networks and investments include E! Entertainment Television, Style Network, Golf Channel, VERSUS, G4, PBS KIDS Sprout, TV One, 11 regional sports networks operated by Comcast Sports Group and Comcast Interactive Media, which develops and operates Comcast's Internet businesses, including Comcast.net (www.comcast.net). Comcast also has a majority ownership in Comcast-Spectacor, which owns two professional sports teams, the Philadelphia 76ers NBA basketball team and the Philadelphia Flyers NHL hockey team, and a large, multipurpose arena in Philadelphia, the Wachovia Center, and manages other facilities for sporting events, concerts and other events.



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