

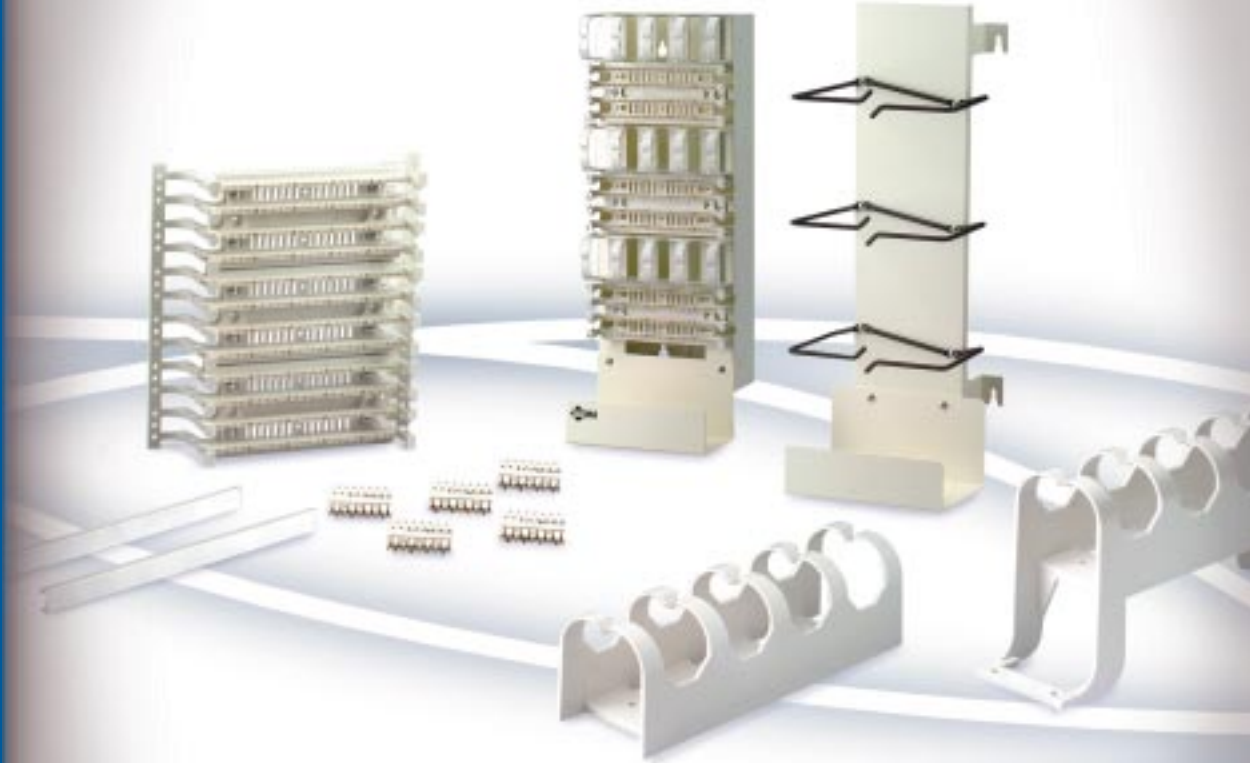


# IBDN

## 110

# Cross-Connect System

Connecting & Wiring Blocks  
Cross-Connect Kits  
Wall Mount Frame Kits  
Patch Cords  
Labels & Management Accessories



## For A Complete End-to-End 110 Solution

For  
what's  
coming  
next.

- Enhanced Category 5 performance •
- Ready for emerging gigabit applications •
- Robust and installer-friendly design •
- Color-coded edge with pair splitters •
- Compatible with **110** and Krone termination tools •
- IBDN Certified Components •

# IBDN

# 110

# Cross-Connect System

Connecting & Wiring

## *Components of the IBDN 110 Cross-Connect System*

At the heart of the system is the **IBDN 110 Connecting Block**. It comes equipped with double-sided Insulation Displacement Connection (IDC) clips and features color-coded blocks in 4-pair and 5-pair arrangements. As with all other IBDN 110 components, the IBDN 110 connecting blocks are fully compatible with other 110 systems.

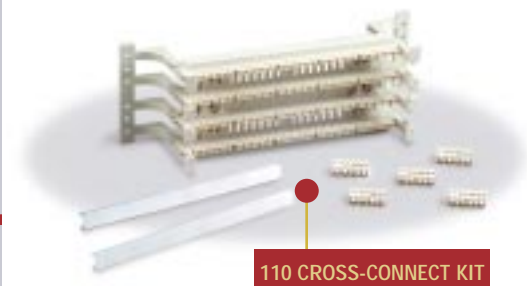
The **IBDN 110 Wiring Block** is uniquely designed to simplify data cabling installations. The IBDN 110 wiring blocks are sturdy plastic units providing firm seating for the installed connecting block. What's more, the wiring blocks precisely hold and align conductors to facilitate termination, and deep wire channels and open slots improve cable routing to the termination points.

**IBDN Wire Management Accessories** including troughs, rings and wall mountable frames, provide everything you'll need to organize the vertical and horizontal routing and dressing of patch cords and jumper wires.

Pre-packaged **IBDN 110 Cross-Connect Kits** are readily available to satisfy the most commonly used pair count applications. Cross-connect kits include wiring blocks, connecting blocks and designation strips. Kits are available in 100-pair and 300-pair configurations for 4-pair or 5-pair connecting blocks. For optimum patch cord management, choose the **IBDN 110 Wall Mount Frame Kits**. These kits are specifically designed to reduce valuable planning, ordering, and installation time – providing the ultimate in installation efficiency.

**IBDN 110 Patch Cords** provide connection flexibility for cost effective installation and administration. IBDN 110 Patch Cords can be field assembled by terminating 1, 2 and 4-pair **IBDN 110 Patch Cord Connectors** onto 24 AWG stranded cable.

For proper system identification, NORDX/CDT offers a full range of color-coded **IBDN 110 Designation Strips and Labels**. Designation strips and labels provide clear line identification for easy system administration and maintenance.



### ANTICIPATING THE NEEDS OF FUTURE NETWORKS

In the field of telecommunications, anticipating future network requirements is the key to adequately providing for every unfolding network need. With this challenge always present, NORDX/CDT now offers a complete, end-to-end enhanced performance, Category 5e-rated 110 cross-connect system.

IBDN 110-type connectivity uses a simple, but fully designed modular approach providing quality voice and high speed data transmission capability.

The IBDN 110 cross-connect system components are fully compliant with the industry's existing 110-type IDC connectivity allowing seamless backward compatibility, as well as future system migration.

### POWER SUM CATEGORY 5 PERFORMANCE IS A MUST

IBDN 110 cross-connect components are designed to Category 5e performance levels. That means the data connectivity components you install today will be ready for the high speed applications that come along in the future – including Gigabit Ethernet. And when installed as part of an IBDN Certified Structured Cabling System, that performance level is carried right through the entire channel.

# For A Complete End-to-End 110 Solution

Blocks   Cross-Connect Kits   Wall Mount Frame Kits   Patch Cords   Labels & Management Accessories

## IMPROVED PERFORMANCE & VERSATILITY

Ready For Next-Generation Networks  
NORDX/CDT's 110-type connectivity components offer substantially improved performance over conventional Category 5 products. For instance, Near End Cross-Talk (NEXT) interference is measured at 44.3 dB pair-to-pair and 41.1 dB Power Sum. That's 4.3 dB better than today's Category 5 standard specification. In fact, all performance parameters, including Attenuation, Return Loss and Balance greatly exceed the existing TIA/EIA Category 5 standard and will meet the anticipated TIA/EIA standard release for Enhanced Category 5 connectivity.

## FLEXIBLE BY DESIGN

Regardless of your installation environment, IBDN 110 connectivity is the right installation choice. With its wide range of configuration options and many management accessories, the IBDN 110 cross-connect system offers extraordinary versatility at the various stations throughout a network.

NORDX/CDT's 110 cross-connect systems provide superior performance in horizontal distribution installations, equipment termination in telecommunication closets and as main distribution centers. In addition, the IBDN 110 system is ideal for providing interconnections at consolidation points. A select arrangement of IBDN 110 system components will consistently deliver the optimum connectivity solutions for the application at hand.

## EASY INSTALLATION, BETTER PERFORMANCE

IBDN 110 cross-connect system components are intuitively-designed to be sturdy and easy to install. Important features such as a color-coded edge and built-in pair splitters facilitate wire insertion and contribute to superior performance.

For installer convenience, IBDN 110 blocks are easily and quickly wired using any commercially available 110 impact or Krone termination tool.

IBDN 110 connectivity components are easy to assemble and provide quick, error-free installations every time.

## THE BOTTOM LINE

The robust design and enhanced performance characteristics of the IBDN connectivity components increase your cabling infrastructure reliability and reduce installation and operating costs – now and in the future.

IBDN 110 components are Category 5e designed. This is your guarantee for high performance.

## FORWARD THINKING EXPERIENCE

With over 100 years of experience in the telecommunications industry, we know what structured cabling is all about. In fact, many of the practices and standards in use today were originally specified in our very own IBDN Design Guidelines. Our reputation is built upon our commitment to excellence. NORDX/CDT designs and manufactures all of its cable and connectivity products in ISO-9001 certified facilities. Our engineers and specialists possess the necessary skills to provide total network solutions, and the IBDN Gigabit Cabling Solutions and IBDN Components are added proof of NORDX/CDT's exemplary track record and continued leadership in structured cabling.

Choosing IBDN for your next installation or upgrade means you'll be choosing peace of mind. Today, tomorrow and for what's coming next.



110 WALL MOUNT FRAME KIT



CABLE MANAGEMENT TROUGH

## IBDN 110 Cross-Connect Performance

(Minimum average values at 100 MHz)

	IBDN 110 CONNECTING BLOCK	TIA CAT5
NEXT	44.3 dB	40.0 dB
Power Sum NEXT	41.1 dB	not specified
Attenuation	0.18 dB	0.40 dB
Return Loss	26.0 dB	14.0 dB
Balance	45.0 dB	not specified

### FEATURES

- Category 5e performance
- Deep Cable channel between indexing strips on wiring blocks
- 110 connection technology and standard construction
- Cross-Connect and Wall Mount Kit assemblies
- Wide variety of configuration options
- Color-coded edge and built-in pair splitters on connecting blocks
- Designation strips and labels
- Exceeds TIA-EIA 568A and ISO 11801
- IBDN Certified Components

### ADVANTAGES

- Provides headroom for high-speed multi-pair and emerging gigabit applications
- Allows for easy wire seating and termination
- Complies with installed base of industry standard 110 installations
- Simplifies system design, material planning and ordering process
- Ensures greater design flexibility to suit any network requirement
- Allows easy identification and facilitates wire insertion
- Facilitate system administration and maintenance
- Complies with North American and International standards
- Provides **lifetime performance application assurance** and **25-year product warranty** as part of an IBDN Certified Structured Cabling System

For more information on NORDX/CDT and IBDN, please call:

**1-800-262-9334**

Or visit us on the Net at:

**www.nordx.com**

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**Australia**  
NORDX/CDT Australia Pty Limited  
Tel.: (02) 9482-7300  
Fax: (02) 9482-7311

## ORDERING INFORMATION

Description	Product Code	Ordering Number
<b>110 Connecting Block</b>		
C4, 4-pair	NXXCAC4	AX100707
C5, 5-pair	NXXCAC5	AX100708
<b>110 Wiring Block</b>		
100-pair, Without Legs	NXXCA100	AX100690
100-pair, With Legs	NXXCA100L	AX100691
300-pair, With Legs	NXXCA300L	AX100692
<b>Cable Management Trough</b>		
Without Legs	NXXCACM	AX100705
With Legs	NXXCACML	AX100706
<b>Cable Management Ring</b>		
Small (5.7 in.)	NXXCACR570	AX100703
Large (8.5 in.)	NXXCACR850	AX100704
<b>Wall Mount Cable Management Frame</b>		
300-pair	NXXCACM300	AX100701
900-pair	NXXCACM900	AX100702

Description	Product Code	Ordering Number
<b>110 Patch Cord Connector</b>		
4-pair	NXAPCC4P	AX100711
2-pair	NXAPC2P	AX100710
1-pair	NXAPC1P	AX100709
<b>Identification Labels</b>		
Designation Strip	NXLBXCAH	AX100721
<b>Labels for Designation Strips (18 per sheet X 10 sheets)</b>		
Label, Gray	NXLBXCAL-01	AX100712
Label, White	NXLBXCAL-03	AX100713
Label, Orange	NXLBXCAL-05	AX100714
Label, Red	NXLBXCAL-06	AX100715
Label, Yellow	NXLBXCAL-07	AX100716
Label, Green	NXLBXCAL-08	AX100717
Label, Blue	NXLBXCAL-09	AX100718
Label, Purple	NXLBXCAL-10	AX100719
Label, Brown	NXLBXCAL-11	AX100720

For more information on

**NORDX/CDT's IBDN 110 Cross-Connect System  
connectivity products,**

please call:

**1-800-262-9334**



# ORDERING INFORMATION

Description	Product Code	Ordering Number
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## 110 Wall Mount Frame Kit, 300-Pair

With 110C4 Connecting Blocks	NXXCAFK4300L	AX100697
With 110C5 Connecting Blocks	NXXCAFK5300L	AX100698

## 110 Wall Mount Frame Kit, 900-Pair

With 110C4 Connecting Blocks	NXXCAFK4900L	AX100699
With 110C5 Connecting Blocks	NXXCAFK5900L	AX100700

### WALL MOUNT FRAME KIT PACKAGING

ITEMS	NXXCAFK4300L	NXXCAFK5300L	NXXCAFK4900L	NXXCAFK5900L
Wiring Block, 100-pair	3	3	9	9
Cable Through	3	3	9	9
Connecting Block, 4-pair	60	-	180	-
Connecting Block, 5-pair	12	60	36	180
Designation Strip	6	6	18	18
Cable Channel	1	1	1	1
Cable Tray Assembly	1	1	1	1
Push Rivet	18	18	54	54
Bond Clamp Assembly	1	1	1	1

Description	Product Code	Ordering Number
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## 110 Cross-Connect Kit, 100-Pair

With 110C4 Connecting Blocks	NXXCAK4100L	AX100693
With 110C5 Connecting Blocks	NXXCAK5100L	AX100694

## 110 Cross-Connect Kit, 300-Pair

With 110C4 Connecting Blocks	NXXCAK4300L	AX100695
With 110C5 Connecting Blocks	NXXCAK5300L	AX100696

### CROSS CONNECT KIT PACKAGING

ITEMS	NXXCAK4100L	NXXCAK5100L	NXXCAK4300L	NXXCAK5300L
Wiring Block, 100-pair	1	1	-	-
Wiring Block, 300-pair	-	-	1	1
Connecting Block, 4-pair	20	-	60	-
Connecting Block, 5-pair	4	20	12	60
Designation Strip	2	2	6	6

WIRING BLOCK, 300 PAIR



WALL MOUNT CABLE MANAGEMENT FRAME, 300 PAIR

