

DIGITUS AT-AG CX2

DIGITUS ASSMANN Electronic AT-AG CX2 Category 5e RJ45 T-Adapter User Manual

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your DIGITUS ASSMANN Electronic AT-AG CX2 Category 5e RJ45 T-Adapter. Please read these instructions carefully before use to ensure optimal performance and longevity of the product.



Image 1: The DIGITUS ASSMANN Electronic AT-AG CX2 Category 5e RJ45 T-Adapter, featuring one male RJ45 plug and two female RJ45 sockets, designed for splitting network connections.

Product Overview

The DIGITUS ASSMANN Electronic AT-AG CX2 is a passive RJ45 T-adapter designed to split a single RJ45 connection into two. It features one male RJ45 plug and two female RJ45 sockets. This adapter is rated for Category 5e cabling standards.

2. SETUP

Follow these steps to correctly set up your RJ45 T-Adapter:

1. **Connect to Network Port:** Insert the male RJ45 plug of the adapter into the desired network port on your device (e.g., router, modem, wall jack, network card). Ensure the connection is secure.
2. **Connect Devices:** Connect your two network devices (e.g., computers, printers, IP phones) to the two female RJ45 sockets on the adapter using standard RJ45 Ethernet cables.

Important Considerations for Ethernet Use:

This adapter is a **passive Y-splitter** and does not function as an active network switch. For standard Ethernet networks (10BASE-T, 100BASE-TX, 1000BASE-T), it is crucial to understand its limitations:

- **No Simultaneous Ethernet:** If you connect two active Ethernet devices to this adapter and then to a single network port, only one device will typically be able to communicate at a time, or network conflicts (collisions) may occur. It is not designed to allow two Ethernet devices to simultaneously access a single network port independently.

- **Specific Applications:** This adapter may be suitable for specific applications that utilize RJ45 connectors but do not require simultaneous, independent network connections, such as certain telephony systems (e.g., ISDN S0 bus) or custom wiring setups where only a subset of pins is used or where only one device is active at a time.

3. OPERATING

Once connected, the adapter facilitates a physical split of the RJ45 connection. As a passive device, it does not require any power or configuration.

- **Functionality:** The adapter provides a physical connection point for two devices to share a single RJ45 port.
- **Data Transfer Rate:** The adapter supports Category 5e specifications, meaning the cabling itself is capable of handling data transfer rates up to 1 Gigabit per second. However, the effective speed and functionality will be governed by the limitations of the passive splitting and the capabilities of the connected network equipment.

4. MAINTENANCE

The DIGITUS ASSMANN Electronic AT-AG CX2 T-Adapter requires minimal maintenance:

- **Cleaning:** Keep the adapter and its connectors clean and free from dust and debris. Use a soft, dry cloth for cleaning. Avoid using liquid cleaners directly on the connectors.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Handling:** Avoid excessive bending or pulling on the cable and connectors, as this can damage the internal wiring and impair functionality.

5. TROUBLESHOOTING

If you encounter issues with your T-Adapter, consider the following troubleshooting steps:

- **No Network Connection:**
 - Ensure all RJ45 connections are fully seated and secure.
 - Verify that the network port you are connecting to is active and functioning correctly by testing it with a single device directly, without the adapter.
 - If using for Ethernet, ensure only one device connected to the adapter is active at a time to avoid network conflicts.
 - Inspect the adapter and connected cables for any visible damage (e.g., bent pins, frayed wires).
- **Slow Network Speed:**
 - Confirm that all connected cables are rated for Category 5e or higher.
 - Ensure that the network devices and the main network port support the desired speed.
 - Remember that a passive splitter does not enhance network performance; it merely divides the physical connection.
- **Intermittent Connection:**
 - Check for loose connections at all points.
 - Test the adapter with different cables and devices to isolate the source of the issue.

- Ensure the adapter is not exposed to electromagnetic interference.

6. SPECIFICATIONS

Brand	DIGITUS
Model	AT-AG CX2
Cable Type	Category 5e Ethernet
Connector Type	RJ45
Connector Gender	1x Male to 2x Female
Data Transfer Rate	Up to 1 Gigabits Per Second (Cat 5e capability)
Product Dimensions	19.99 x 7.01 x 2.49 cm
Weight	40 g
Color	White

7. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official DIGITUS website or contact their customer service directly. Keep your purchase receipt as proof of purchase.



Image 2: DIGITUS brand information with a QR code linking to solutions and social media channels. Scan the QR code or visit the provided link for more information and support.

For further assistance, please visit the official DIGITUS website or contact their support team.

Related Documents - AT-AG CX2

 DIGITUS[®] 10/100M NETWORK USB ADAPTER Quick Installation Guide DN-10050-1 Rev. 3	DIGITUS 10/100M Network USB Adapter Quick Installation Guide Quick installation guide for the DIGITUS 10/100M Network USB Adapter (DN-10050-1), detailing product introduction, features, system requirements, package contents, and hardware installation instructions.
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 Quick Installation Guide DN-10050-1 Rev. 2	DIGITUS DN-10050-1 Rev. 2: 10/100M USB Network Adapter Quick Installation Guide Quick installation guide for the DIGITUS DN-10050-1 Rev. 2, a 10/100Mbps USB 2.0 to Fast Ethernet Adapter. Includes hardware installation and driver setup instructions for Windows and macOS.
 SAFETY NOTES EU RESPONSIBLE PERSON	DIGITUS CAT 5e U/UTP Patch Cable DK-1512-150 - Safety and Handling Information on the DIGITUS CAT 5e U/UTP patch cable, model DK-1512-150. Includes safety notes for proper connection, handling, and maintenance to prevent damage and ensure optimal performance.
 SAFETY NOTES EU RESPONSIBLE PERSON	DIGITUS CAT 6 U/UTP Network Cable - 10m Grey This document provides safety notes and EU responsible person information for the DIGITUS CAT 6 U/UTP network cable, part number DK-1612-100. It details proper handling, installation, and maintenance to prevent damage and ensure safe operation.
 SAFETY NOTES EU RESPONSIBLE PERSON	DIGITUS DA-70892 5-Port USB-C Docking Station: User Manual & Specifications User manual for the DIGITUS DA-70892 USB-C Dock, a 5-port docking station featuring HDMI 4K output, 3x USB 3.0 SuperSpeed ports, and Gigabit Ethernet. Includes specifications, package contents, and connector details.
 SAFETY NOTES EU RESPONSIBLE PERSON	DIGITUS Gigabit Ethernet Network Card RJ45 PCI Express - DN-10130-1 Information about the DIGITUS Gigabit Ethernet Network Card, model DN-10130-1. Includes safety notes for installation and EU responsible person details.



DIGITUS Professional Adapter RJ45 Digitus AT-AG CX2 2x gniazdo RJ45 kat.5e ekran.

Indeks: 45691 Producent: DIGITUS Professional Kod producenta: AT-AG CX2

Cena: 24.18 zł

Opis

DIGITUS Professional Adapter RJ45 DIGITUS AT-AG CX2 2x gniazdo RJ45 kat.5e ekran.

- Produkt DZIŹ (DZI Professional)
- Opis ogólny Adapter RJ45 Digitus AT-AG CX2 2x gniazdo RJ45 kat.5e ekran.
- Rodzaj produktu: adaptery/okablowanie
- Kategoria: kable LAN
- Kolor: czarny
- Informacje dodatkowe: Długość kabla: 0,9 m
- Informacje dodatkowe: Materiał obudowy: technopolimer ABS, UL 94 V0
- Informacje dodatkowe: Materiał POC: POC, 2,2 mm grubości
- Informacje dodatkowe: Materiał terminali: DZI: Izolator z 80µ warstwą złota pokrytą 50µ warstwą
- Informacje dodatkowe: Temperatura: 70°C max
- Informacje dodatkowe: Temperatura pracy: -40°C ~ +80°C
- Informacje dodatkowe: Proponowane kable: kat.5e 3,1

Parametry

Marka	DIGITUS
Typ	Adapter
Kod producenta	AT-AG CX2
Model	AT-AG CX2
EAN	4803023065990

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DIGITUS Professional Adapter RJ45 Digitus AT AG CX2 2x gniazdo kat 5e ekran Sklep internetowy stylem.pl digitus professional adapter rj45 at ag cx2 45691 upload files product |||

DIGITUS Professional Adapter RJ45 Digitus **AT-AG CX2** 2x gniazdo RJ45 kat.5e ekran. Indeks: 45691 Producent: DIGITUS Professional Kod producenta: **AT-AG CX2** Cena: 24.18 zł Opis DIGITUS Professional Adapter RJ45 DIGITUS **AT-AG CX2** 2x gniazdo RJ45 kat.5e ekran. Producent DIGITUS Professional Opis ogólny A... lang:id score:34 filesize: 37.62 K page_count: 1 document date: 2022-08-03



DIGITUS Adapter für patchkabel, CAT 5e, skärmad - 1:1

Part no.: **AT-AG CX2**

EAN: **4016032065990**

CAT 5e, 2x 1:1, patchkabeladapter, skärmad 2x RJ45-uttag till 1x RJ45-kontakt, längd 0,9 m



Safety notes

- Läs noggrant produkten från fakt
- Undvik antistatisk uppladdning vid installation av produkten
- Se alltid till att produkten används enligt specifikationerna under installationen

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

ASSMANN Electronic GmbH

Auf der Sparte 3

Ludwigsfeld, Germany

Email: info@assmann.com

http://www.assmann.com

[DIGITUS CAT 5e Shielded Patch Cable Adapter - Technical Specifications](#)

Technical details and safety notes for the DIGITUS CAT 5e shielded patch cable adapter (Part no. AT-AG CX2), facilitating a 2x RJ45 to 1x RJ45 connection. lang:de score:25 filesize: 149.47 K page_count: 1 document date: 2025-05-19



DIGITUS CAT 5e Patch Cable Adapter, shielded



- ✓ Patch Cable Adapter
- ✓ Category: 5e
- ✓ Shielded
- ✓ 2x RJ45 jack to 1x RJ45 plug

Abstract

DIGITUS® CAT 5e Patch Cable Adapter, shielded, available with different pin assignments.

Features

- Assignment: "AT-AG CX2" 1:1
- Assignment: "DN-93904" 1:1, 2, 2, 2, 3, 3, 4, 4, 5, 5, 6, 6, 7, 7, 8, 8
- 2x RJ45 female to 1x RJ45 male
- Shielded
- Length: 0.9 m
- Material enclosure: ABS over halogen, UL 94 V0
- Material surface: Copper with shiny nickel
- Material POC: POC, 2.2 mm thickness
- Material DZI: Terminal: Phosphor bronze with 50µ tin plated over 80µ nickel plated
- Mating system: e RJ45
- Operating temperature: -40°C to +80°C

Product Overview

The shielded CAT 5e patch cable adapter from DIGITUS® consists of two RJ45 female ports and one RJ45 male port. It is available with the assignment "1:1" or "5, 2, 2, 3, 3, 4, 4, 5, 5, 6, 6, 7, 7, 8, 8".

Product Number Information

pin version: DIGITUS® CAT 5e Patch Cable Adapter, shielded, 2x RJ45 jack to 1x RJ45 plug, cable length 0.9 m, assignment: 1:1, 2, 2, 2, 3, 3, 4, 4, 5, 5, 6, 6, 7, 7, 8, 8

AT-AG CX2: DIGITUS® CAT 5e Patch Cable Adapter, shielded, 2x RJ45 jack to 1x RJ45 plug, cable length 0.9 m, assignment: 1:1

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t nordt DIGITUS RJ connectors TME Electronic components DN 93904 tme Document ac4309f7fa04e3e8fd1857b8cf3befd9 |||

DIGITUS CAT 5e Patch Cable Adapter, shielded DN-93904 Patch Cable Adapter Category: 5e Shielded 2x RJ45 jack to 1xRJ45 plug Abstract DIGITUS CAT 5e Patch Cable Adapter, shielded, available with different pin assignments Features - Assignment **AT-AG CX2** : 1:1 - Assignment DN-93904 : 1-1, 2-2... lang:en score:22 filesize: 591.68 K page_count: 3 document date: 2016-02-17



[pdf] Datasheet

t nordt Data sheet Digitus Network Cable adapter 2x RJ 45 to 1x 0 2m DN 93904 starting from £ 6 92

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DIGITUS CAT 5e Patch Cable Adapter, shielded DN-93904 Patch Cable Adapter Category: 5e Shielded 2x RJ45 jack to 1xRJ45 plug Abstract DIGITUS CAT 5e Patch Cable Adapter, shielded, available with different pin assignments Features - Assignment **AT-AG CX2** : 1:1 - Assignment DN-93904 : 1-1, 2-2...

lang:en score:21 filesize: 590.39 K page_count: 3 document date: 2014-09-30



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t nordt Dane techniczne Digitus kabel sieciowy adapter 2x RJ 45 do 1x 0 2m DN 93904 od PLN 24 05

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2 |||

DIGITUS CAT 5e Patchkabel-Adapter, geschirmt DN-93904 Patchkabel-Adapter Kategorie: 5e Geschirmt 2x RJ45-Buchse zu 1xRJ45-Stecker Kurzbeschreibung DIGITUS CAT 5e Patchkabel-Adapter, geschirmt, mit unterschiedlichen Belegungen erhltlich Features - Belegung „**AT-AG CX2**” : 1:1 - Belegung „DN-93...

lang:de score:21 filesize: 596.42 K page_count: 3 document date: 2014-09-30

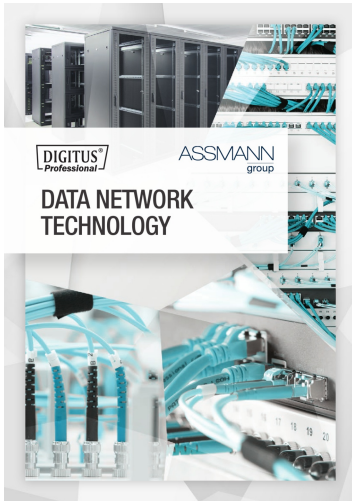


[pdf] Datasheet

t nordt 2x RJ jack ftp assmann Modular coupler Unshielded Plastic housing DIGITUS® Couplers unshielded Abstract RJ12 6P6C or RJ45 8P8C Features AT A88 datasheet en Datasheet ENG 20141014 A66 BL pub 4016032066569 4016032309536 4016032066552

DIGITUS Modular Couplers, unshielded Modular coupler 2x RJ jack Unshielded Plastic housing Abs ... A 8/8 DIGITUS Modular Coupler, RJ45, unshielded, 8P8C to 8P8C, color white More Modular Adapters **AT-AG CX2** DIGITUS CAT 5e Patch cable adapter, shielded, 2x RJ45 jack to 1x RJ45 plug, cable length...

lang:en score:19 filesize: 367.52 K page_count: 1 document date: 2014-09-29



[\[pdf\]](#) User Manual Catalog

new manager DATA NETWORK TECHNOLOGY ASSMANN Electronic GmbH 5x Datendose

Bedienungsanleitung Wall Outlet Manual Produktinformationen Product Information

Übertragungseigenschaft Transmission Properties DIGITUS tanonline gr files tan catalog

DATA NETWORK TECHNOLOGY Die ASSMANN Gruppe stellt sich vor About

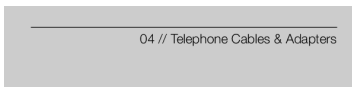
ASSMANN Group Gemeinsam zum Ziel: ... pter CAT 5e Patchkabel Adapter,

geschirmt CAT 5e Patch Cord Adapter, shielded PIN-Belegung: Views: **AT-AG CX2**

DN-93904 Ansichten: Views: DN-93904-B DN-93904-C Art. Nr. Item Code EAN

Belegung Assign...

lang:de **score:19** filesize: 64.85 M page_count: 458 document date: 2018-07-30



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ADAPTER PRZELOTKA 2XRJ45 5E BIAŁY AT A 8 DIGITUS telefon adapter elektrykasklep pl file 393622

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04 // Telephone Cables Adapters 161 168 Telephone

Cables..... Tin plated over 60 Nickel plated Mating cycles:

750 Operating temperature: -40C - 80C 066590 / **AT-AG CX2** CAT 5e Patch Cable

Adapter, 2 x RJ45 female, shielded Kink protection boot for RJ45 plug...

lang:en **score:18** filesize: 820.63 K page_count: 8 document date: 2016-02-03



[\[pdf\]](#) Datasheet

t nordt AT A66 BL datasheet Datasheet GER 20141014 de A88 ftp assmann pub 4016032309536

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DIGITUS Modulare Kupplungen, ungeschirmt Modulare Kupplung 2x RJ-Buchsen

Ungeschirmt Kunststoff ... 8 DIGITUS Modulare Kupplung, RJ45, ungeschirmt, 8P8C

zu 8P8C, Farbe Wei Weitere Modulare Adapter **AT-AG CX2** DIGITUS CAT 5e

Patchkabel Adapter, geschirmt, 2x RJ45 Buchse zu 1x RJ45 Stecker, Kabeln...

lang:de **score:16** filesize: 369.46 K page_count: 1 document date: 2014-09-29



[\[pdf\]](#) Catalog

new manager Digitus Prof DNT Kupfer Industrieloösungen 2018 Kat abram assmann ftp catalogs

DIGITUS Professional DE Kupferkomponenten Kataloge und Broschüren von DIGITUS® Elektro

Pollmeier BroschÃ¼ren DIGITUS® Copper Industrial Solutions Cat EN |||

DATA NETWORK TECHNOLOGY KUPFER-KOMPONENTEN COPPER

COMPONENTS INDUSTRIELÖSUNGEN INDUSTRIAL SOLUTIONS ... pter CAT 5e

Patchkabel Adapter, geschirmt CAT 5e Patch Cord Adapter, shielded PIN-Belegung:

Views: **AT-AG CX2** DN-93904 Ansichten: Views: DN-93904-B DN-93904-C Art. Nr.

Item Code EAN Belegung Assign...

lang:de **score:14** filesize: 18 M page_count: 170 document date: 2018-07-30



[\[pdf\]](#) Catalog

new manager Digitus Prof Datennetzwerktechnik 2018 Kat abram assmann ftp catalogs DIGITUS

Professional DE Data Network Technology Kataloge und Broschüren von DIGITUS® Elektro Pollmeier

BroschÃ¼ren DIGITUS® |||

DATA NETWORK TECHNOLOGY Die ASSMANN Gruppe stellt sich vor About

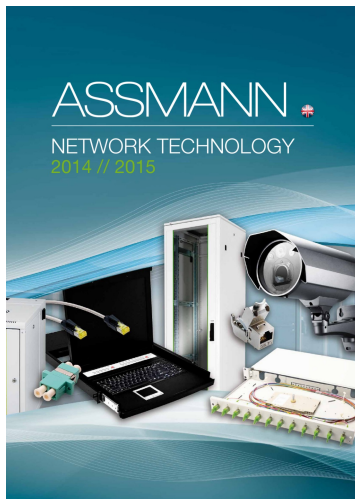
ASSMANN Group Gemeinsam zum Ziel: ... pter CAT 5e Patchkabel Adapter,

geschirmt CAT 5e Patch Cord Adapter, shielded PIN-Belegung: Views: **AT-AG CX2**

DN-93904 Ansichten: Views: DN-93904-B DN-93904-C Art. Nr. Item Code EAN

Belegung Assign...

lang:de **score:13** filesize: 65.09 M page_count: 458 document date: 2019-05-16



[\[pdf\]](#) Warranty Accessories Catalog

new manager NETWORK TECHNOLOGY SWS A comprehensive overview of ASSMANN group s

powerful portfolio Our DIGIUTS® Professional brand provides you with compelling products and

dependable work assmann network technology catalog 2014 en screen sws cz prod img digitus |||

NETWORK TECHNOLOGY 2014 // 2015 Content ASSMANN NETWORK

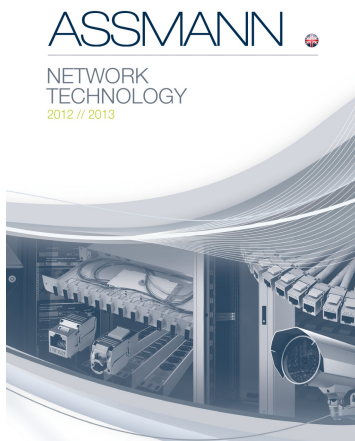
TECHNOLOGY NETWORK-, SERVER- , WALLMOUNT ... coating: nickel, gold

plated 0.6 Mating cycles: 750 Operating temperature: -40C - 80C 066590 / **AT-AG**

CX2 Cat 5e patch cable adapter, 2x RJ45 female, connection 1:1 267164 / DN-93904

Cat 5e patch ...

lang:en **score:12** filesize: 62.63 M page_count: 308 document date: 2014-07-10



[\[pdf\]](#) User Manual Test Report

NETWORK TECHNOLOGY SWS Included in delivery drilling template 1 operating manual test report
gasket mounting screws Approvals CE Type cooling capacity W voltage dm 30029 sws cz prod img
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NETWORK TECHNOLOGY 2012 // 2013 Preface // ASSMANN is a globally active
manufacturing company wor ... Tin plated over 60 Nickel plated Mating cycles: 750
Operating temperature: -40C - 80C 066590 / **AT-AG CX2** Cat 5e Patch Cable
Adapter, 2 x RJ45 female, shielded, Connection 1:1 267164 / DN-93904 Ca...
lang:en **score:12** filesize: 61.19 M page_count: 316 document date: 2012-02-16

[\[pdf\]](#) Specifications Datasheet Borchure Catalog

t nordt Abstract Features ftp assmann Category 5e shielded 2x RJ45 socket to 1x plug available with
various pin assignments Patch Cable Adapter CAT cable adapter DN 93904 datasheet en Datasheet EN
20170505 pub 4016032267164 C 4016032431459 B 4016032431466 AT AGCX2 4016032066590 Cat
patch 2xcat DIGITUS FibCon ASSMANN Hrvatska B2B Shop ISDN 1 Tehnični podatki 2335579 Digitus
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produit UlotkaBrochureDigitus siva MegaShop spletna trgovina Megashop siCAT 5E PCH CBL ADPTR
TagmaCategory availableCAT blinde PC female Assmann ElectronicASSMANN ISDNASSMANN
1ASSMANN shieldedDigitus adap gniazdo kat ekran AG CX2DIGITUS câble de réseau Blanc 19 m Cat5
CX2Digitus Hálózati Átalakító dugó Szürke Conrad%product title% Conrad Electronic Schweiz%product
SuisseDigitus alj vásárlása ElectronicCat FibContechnici digitus rj45 omrežni cat vtič vtičnica sivammo
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Patch Cable Adapter, CAT 5e, shielded Category 5e shielded 2x RJ45 socket to 1x
RJ45 plug avail ... drawings, you can find below. Product Number Information Item
code DN-93904 DN-93904-B DN-93904-C **AT-AG CX2** Pin assignment 1-1:2-2:3-3:4-
1:5-2:6-6:7-3:8-6 1-1:2-2:3-3:4-4:5-5:6-6:7-3:8-6 1-3:2-6:3-...

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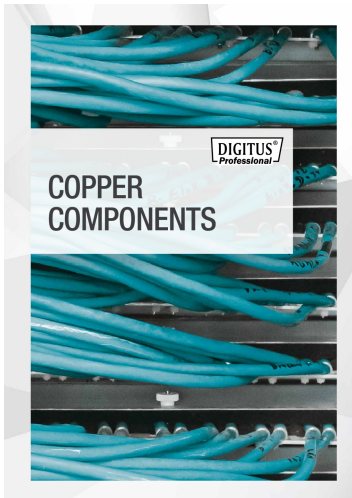




[ASSMANN World of Cables Catalog 2012 | Comprehensive Cable Solutions](#)

Explore the comprehensive ASSMANN World of Cables catalog for 2012, featuring a wide range of high-quality USB, HDMI, DVI, DisplayPort, SATA, and Firewire cables, adapters, and accessories for IT infrastructure and connectivity needs.

lang:en score:10 filesize: 25.32 M page_count: 256 document date: 2012-02-21



[\[pdf\] Warranty](#)

new manager Copper Components EN 2016 bimel tr dosya 11973

COPPER COMPONENTS COPPER COMPONENTS 1 Copper Components Content
// Structured Cabling Standards / ... com 111 Modular Coupler/Patch Cable Adapter
CAT 5e Modular Coupler/Patch Cable Adapter, shielded **AT-AG CX2** AT-AG 2X8/8
DN-93904 Product Number Assignment Operating Temperature **AT-AG CX2** 1:1,...
lang:en score:9 filesize: 13.16 M page_count: 168 document date: 2016-04-15