**8**

Network Components

- PSTN Router
- Managed Switches
- Unmanaged Switches
- Hubs
- Micro Transceiver
- Media Converter
- Network Adapter
- Ethernet Cable
- Network Accessories

Internet Modem Access Router

Gateway analog to Ethernet
Remote maintenance

Easy to configure router for PSTN network compatibility.
Remote maintenance of PLCs in remote plants.

AREAS OF APPLICATION

- LAN to LAN coupling
- Modem to LAN coupling
- Remote maintenance of PLCs in remote plants
- Programming and Visualization of remote PLCs
- Internet Access Router



echoroute

echoroute

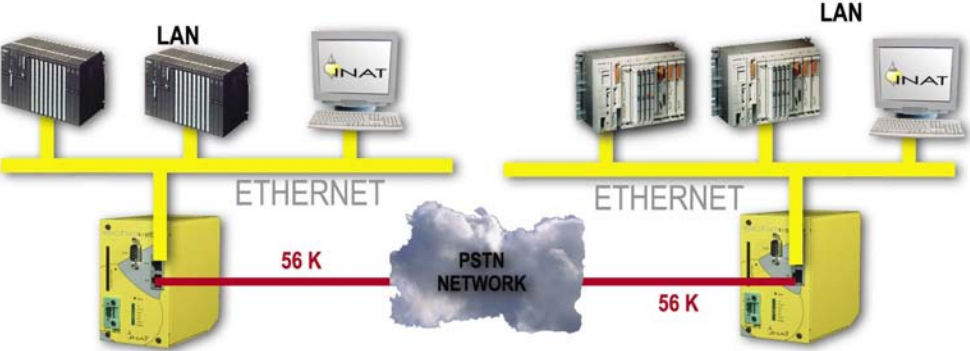
- 56K router for analog telephone extension
- Including top hat rail adapter
- Including 1 x telephone cable RJ45 – RJ11 (5 m)
- Including 1 x adapter RJ11-TAE-F

Interfaces:	1 x RS232 for serial configuration, 1 x RJ45 for analog connection (cable included in delivery), 1 x RJ45, 10 / 100 Mbps Ethernet LAN
Protocols:	PPP, static IP Routing, NAT (post Routing), DHCP Client
Security:	Login / Password protection, Authentication according to PAP, CHAP, MS-CHAP, Callback functionality, Firewall functionality (can be supplied ex quarter II/05)
Mounting:	Top hat rail
Power Supply:	18...36 V DC, ca. 1,1 A
Dimensions [in mm]:	L = 76, D = 120, H = 120
Order Number:	900-6900-01

A connector power pack is not included in the delivery. If necessary order it separately (see page 61).

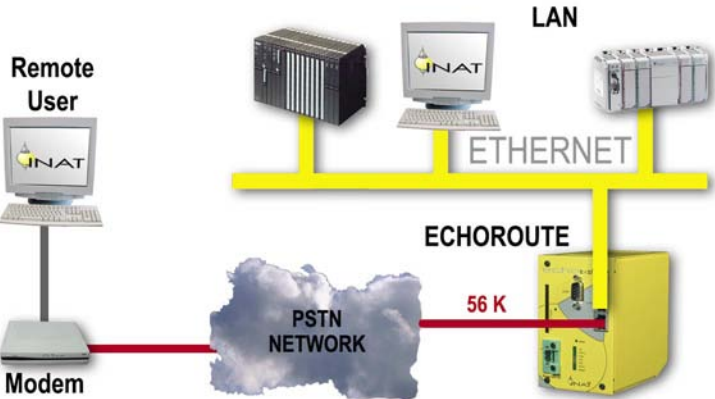
PSTN LAN TO LAN ROUTER

Secure LAN to LAN connectivity e.g. remote maintenance of PLCs with Callback functionality and standard authentication (PAP, CHAP, MS-CHAP)



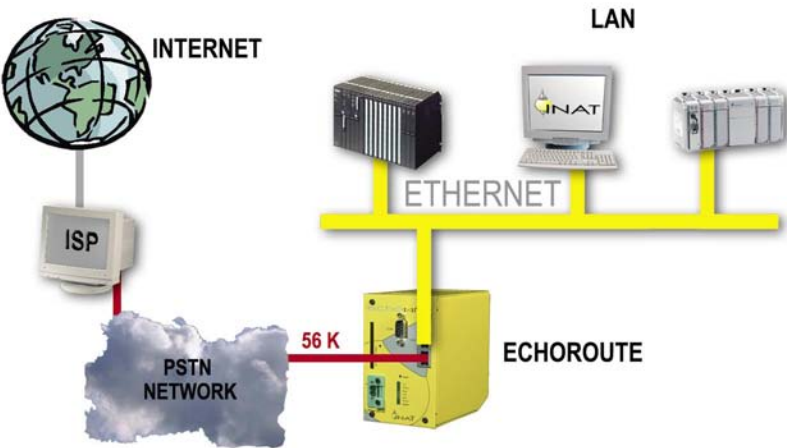
REMOTE ACCESS

Direct coupling between a LAN and a remote user via Modem / Router connection. e.g. for programming (programming software runs locally)



INTERNET ACCESS ROUTER

The classical application: enables multiple users to access the Internet.



for

- ▶ 10 MBit/s
- ▶ 100 MBit/s
- ▶ 1.000 MBit/s

Managed Switches

Managed
Layer 2 Ethernet Switches

Layer 2 Managed Switches for Fast Ethernet and Gigabit Ethernet for copper and fiber optic cable.

AREAS OF APPLICATION

- Optimization of the band width with priorities and port aggregation
- Network statistics for troubleshooting and LAN optimization
- Fast startup with Plug & Play technology (auto-negotiation, auto-polarity, auto-crossing) and extensive diagnostic displays
- Redundancy function: HIPER ring (ring structure), ring coupling, redundant 24 V power supply, RSTP, dual homing
- Durable construction for industrial use (IP 20, particularly EMC and vibration tests, 24 V supply voltage, without fan)
- Quick assembly (the sturdy devices are simply mounted on a standard DIN rail)
- Configuration: Terminal-SW, BootP, DHCP, DHCP Option 82
- Management: serielle Schnittstelle, Web-Interface, SNMP, HiVision
- Store and Forward

4 x 10 / 100 BaseT(X), RJ45



4 Port Switch, RJ45

Ports: RJ45:	4 x MDI / MDI-X, 10 / 100 Mbps;
More Interfaces:	<u>Power supply / signaling contact:</u> 1 plug-in terminal block, 6pin; <u>V.24 interface:</u> 1 x RJ11 socket
Diagnosis:	LEDs (power, link status, data, error, redundancy manager), signal contact / fault relays, RMON (statistics, history, alarms, events), port mirroring, MAC address table, log-file
Security:	SNMPv3
Other services:	Priorisation, broadcastlimiter, SNTP, flow control
Power supply:	24 V DC, max. 200 mA
Dimensions [in mm]:	L = 47, D = 111, H = 135
Order number:	900-2700-04

2 x 10 / 100 BaseT(X), RJ45 + 2 x 100 BaseFX, SC



2 + 2 Port Switch, RJ45 + SC

Ports:	
RJ45:	2 x MDI / MDI-X, 10 / 100 Mbps;
SC:	2 x Duplex-SC, 100 Mbps
Wavelength:	1300 nm
More Interfaces:	<u>Power supply / signaling contact:</u> 1 plug-in terminal block, 6pin; <u>V.24 interface:</u> 1 x RJ11 socket
Diagnosis:	LEDs (power, link status, data, error, redundancy manager), signal contact / fault relays, RMON (statistics, history, alarms, events), port mirroring, MAC address table, log-file
Security:	SNMPv3
Other services:	Priorisation, broadcastlimiter, SNTP, flow control
Power supply:	24 V DC, max. 280 mA
Dimensions [in mm]:	L = 47, D = 111, H = 135
Order number:	900-2702-04

3 x 10 / 100 BaseT(X), RJ45 + 1 x 100 BaseFX, SC



3 + 1 Port Switch, RJ45 + SC

Ports:	
RJ45:	3 x MDI / MDI-X, 10 / 100 Mbps;
SC:	2 x Duplex-SC, 100 Mbp/s
Wavelength:	1300 nm
More Interfaces:	<u>Power supply / signaling contact:</u> 1 plug-in terminal block, 6pin; <u>V.24 interface:</u> 1 x RJ11 socket
Diagnosis:	LEDs (power, link status, data, error, redundancy manager), signal contact / fault relays, RMON (statistics, history, alarms, events), port mirroring, MAC address table, log-file
Security:	SNMPv3
Other services:	Priorisation, broadcastlimiter, SNTP, flow control
Power supply:	24 V DC, max. 220 mA
Dimensions [in mm]:	L = 47, D = 111, H = 135
Order number:	900-2701-04

5 x 10 / 100 BaseT(X), RJ45 + 2 x 100 BaseTX, RJ45



5 + 2 Port Switch, RJ45

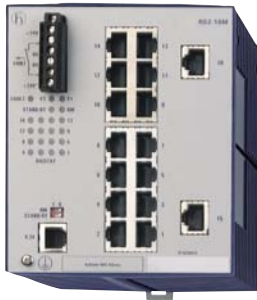
Ports: RJ45:	5 x MDI / MDI-X, 10 / 100 Mbps; 2 x MDI / MDI-X, 100 Mbps
More Interfaces:	<u>Power supply / signaling contact:</u> 1 plug-in terminal block, 5pin; <u>V.24 interface:</u> 1 x RJ11 socket <u>Stand by port:</u> 1 x RJ45 socket
Diagnosis:	LEDs (power, link status, data, 100 Mbps, auto-negotiation, full duplex, error, redundancy manager, ring port, LED test), signal contact / fault relays, RMON (statistics, history, alarms, events), port mirroring
Security:	Port security
Other services:	Priorisation, VLAN, multicast (IGMP Snooper/Querier, GMRP), broadcastli-miter, SNTP, flow control
Power supply:	24 V DC, max. 315 mA
Dimensions [in mm]:	L = 110, D = 111, H = 131
Order number:	900-2710-07

5 x 10 / 100 BaseT(X), RJ45 + 2 x 100 BaseFX, SC



5 + 2 Port Switch, RJ45 + SC

Ports: RJ45: SC:	5 x MDI / MDI-X, 10 / 100 Mbps; 2 x Duplex-SC, 100 Mbps
Wavelength:	1300 nm
More Interfaces:	<u>Power supply / signaling contact:</u> 1 plug-in terminal block, 5pin; <u>V.24 interface:</u> 1 x RJ11 socket <u>Stand by port:</u> 1 x RJ45 socket
Diagnosis:	LEDs (power, link status, data, 100 Mbps, auto-negotiation, full duplex, error, redundancy manager, ring port, LED test), signal contact / fault relays, RMON (statistics, history, alarms, events), port mirroring
Security:	Port security
Other services:	Priorisation, VLAN, multicast (IGMP Snooper/Querier, GMRP), broadcastli-miter, SNTP, flow control
Power supply:	24 V DC, max. 375 mA
Dimensions [in mm]:	L = 110, D = 111, H = 131
Order number:	900-2711-07

16 x 10 / 100 BaseT(X), RJ45

16 Port Switch, RJ45

Ports: RJ45:	16 x MDI / MDI-X, 10 / 100 Mbps
More Interfaces:	<u>Power supply / signaling contact:</u> 1 plug-in terminal block, 5pin; <u>V.24 interface:</u> 1 x RJ11 socket <u>Stand by port:</u> 1 x RJ45 socket
Diagnosis:	LEDs (power, link status, data, error, redundancy manager), signal contact / fault relays, RMON (statistics, history, alarms, events), port mirroring
Security:	Port security
Other services:	Priorisation, VLAN, multicast (IGMP Snooper/Querier, GMRP), broadcastli- miter, SNTP, flow control
Power supply:	24 V DC, max. 500 mA
Dimensions [in mm]:	L = 110, D = 111, H = 131
Order number:	900-2720-16

14 x 10 / 100 BaseT(X), RJ45 + 2 x 100 BaseFX, SC

14 + 2 Port Switch, RJ45 + SC

Ports: RJ45: SC:	14 x MDI / MDI-X, 10 / 100 Mbps; 2 x Duplex-SC, 100 Mbps
Wavelength:	1300 nm
More Interfaces:	<u>Power supply / signaling contact:</u> 1 plug-in terminal block, 5pin; <u>V.24 interface:</u> 1 x RJ11 socket <u>Stand by port:</u> 1 x RJ45 socket
Diagnosis:	LEDs (power, link status, data, 100 Mbps, auto-negotiation, full duplex, error, redundancy manager, ring port, LED test), signal contact / fault relays, RMON (statistics, history, alarms, events), port mirroring
Security:	Port security
Other services:	Priorisation, VLAN, multicast (IGMP Snooper/Querier, GMRP), broadcastli- miter, SNTP, flow control
Power supply:	24 V DC, max. 600 mA
Dimensions [in mm]:	L = 110, D = 111, H = 131
Order number:	900-2722-16

15 x 10 / 100 BaseT(X), RJ45 + 1 x 100 BaseFX, SC



15 + 1 Port Switch, RJ45 + SC

Ports: RJ45: SC:	15 x MDI / MDI-X, 10 / 100 Mbps; 1 x Duplex-SC, 100 Mbps
Wavelength:	1300 nm
More Interfaces:	<u>Power supply / signaling contact:</u> 1 plug-in terminal block, 5pin; <u>V.24 interface:</u> 1 x RJ11 socket <u>Stand by port:</u> 1 x RJ45 socket
Diagnosis:	LEDs (power, link status, data, error, stand by, redundancy manager), signal contact / fault relays, RMON (statistics, history, alarms, events), port mirroring
Security:	Port security
Other services:	Priorisation, VLAN, multicast (IGMP Snooper/Querier, GMRP), broadcastlimiter, SNTP, flow control
Power supply:	24 V DC, max. 550 mA
Dimensions [in mm]:	L = 110, D = 111, H = 131
Order number:	900-2721-16

Layer 2 Unmanaged Switch for Fast Ethernet and Gigabit Ethernet for connecting workstations and work groups.

AREAS OF APPLICATION

- Workstation switches and high quality industrial switches
- Connecting PCs and CPs
- Network expansion in existing LANs

5 x 10 / 100 BaseT(X), RJ45

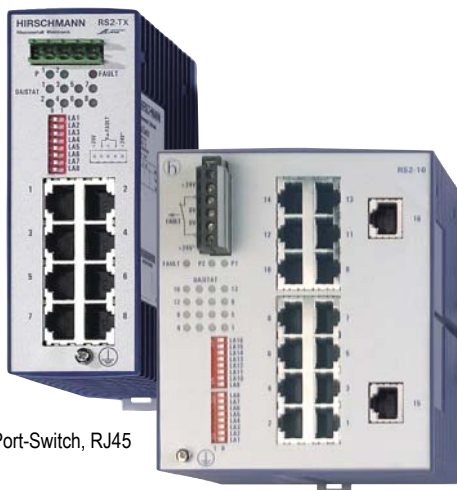


5 Port Switch, RJ45

- LED Diagnosis (power, link status, data rate, error)
- Fast startup with Plug & Play technology (auto-negotiation, auto-polarity, auto-crossing)
- Quick assembly (the sturdy devices are simply mounted on a standard DIN rail)
- Store and Forward

Ports:	
RJ45:	5 x MDI / MDI-X, 10 / 100 Mbps
Power Supply:	24 V DC, max. 120 mA
Dimensions [in mm]:	L = 25, D = 78,5, H = 100
Order number:	900-2600-05

8 / 16 x 10 / 100 BaseT(X), RJ45



8-Port-Switch, RJ45

16 Port Switch, RJ45

- LED Diagnosis (power, link status, data rate, error)
- Fast startup with Plug & Play technology (auto-negotiation, auto-polarity, auto-crossing)
- Durable construction for industrial use (IP 20, particularly EMC and vibration tests, 24 V supply voltage, without fan)
- Quick assembly (the sturdy devices are simply mounted on a standard DIN rail)
- Store and Forward

Ports:	
RJ45:	8 (16) x MDI / MDI-X, 10 / 100 Mbps
Power Supply:	
8 x 10/100 BaseT(X):	24 V DC, max. 290 mA
16 x 10/100 BaseT(X):	24 V DC, max. 340 mA
Dimensions [in mm]:	
8 x 10/100 BaseT(X):	L = 47, D = 111, H = 135
16 x 10/100 BaseT(X):	L = 110, D = 111, H = 131
	Order numbers:
8 x 10/100 BaseT(X):	900-2610-08
16 x 10/100 BaseT(X):	900-2610-16

5 / 8 x 10 / 100 BaseT(X), RJ45

5 Port Switch, RJ45



8 Port Switch, RJ45

- Internal or external power supply
- Hard-wearing metal housing

Ports: RJ45:	5 / 8 x MDI / MDI-X, 10 / 100 Mbps
Features:	Store and Forward, transparent to VLAN packets, flow control, auto-negotiation (10 / 100 und half / full duplex)
Power Supply: internal: external:	100 - 240 V AC 230 V AC
Dimensions [in mm]: 5 x 10 / 100 BaseT(X) internal power supply: external power supply: 8 x 10 / 100 BaseT(X) internal power supply: external power supply:	L = 196, D = 116, H = 36 L = 100, D = 79, H = 26 L = 196, D = 116, H = 36 L = 146, D = 82, H = 26
	Order numbers:
5 x 10 / 100 BaseT(X), internal power supply:	900-2100-05
5 x 10 / 100 BaseT(X), external power supply:	900-2110-05
8 x 10 / 100 BaseT(X), internal power supply:	900-2120-08
8 x 10 / 100 BaseT(X), external power supply:	900-2130-08

16 x 10 / 100 BaseT(X), RJ45

16 Port Switch, RJ45

- Internal or external power supply
- Hard-wearing metal housing

Ports: RJ45:	15 x MDI-X, 10 / 100 Mbps 1 x MDI / MDI-X, 10 / 100 Mbps
Features:	Store and Forward, transparent to VLAN packets, flow control, auto-negotiation (10 / 100 und half / full duplex)
Power Supply: internal: external:	100 - 240 V AC 230 V AC
Dimensions [in mm]: internal power supply: external power supply:	L = 330, D = 203, H = 38; L = 330, D = 203, H = 38
	Order numbers:
internal power supply:	900-2140-16
external power supply:	900-2150-16

8 x 10 / 100 BaseT(X), RJ45



Front and back rear
8 Port Switch, 10 / 100 Mbps

- External power supply (including power adapter)
- Without fan

Ports:	
RJ45:	8 x MDI-X, 10 / 100 Mbps
Additional uplink port:	1 x MDI, 10 / 100 Mbps
Features:	Store and Forward, auto-negotiation (10 / 100 and half / full duplex)
Power Supply:	100 - 240 V AC, 50/60 Hz
Dimensions [in mm]:	L = 198, T = 130, H = 30
Order number:	900-2220-08

16 x 10 / 100 BaseT(X), RJ45



16 Port Switch, RJ45

- External power supply (including power adapter)
- Without fan
- Optional 19" rackmountable

Ports:	
RJ45:	16 x MDI-X, 10 / 100 Mbps
Additional uplink port:	1 x MDI, 10 / 100 Mbps
Features:	Store and Forward, auto-negotiation (10 / 100 and half / full duplex)
Power Supply:	100 - 220 V AC, 50/60 Hz
Dimensions [in mm]:	L = 266, D = 162, H = 42
Order number:	900-2230-16



3 + 2 Port Switch, RJ45 + SC

3 x 10 / 100 BaseT(X), RJ45 + 2 x 100 BaseFX, SC

- LED Diagnosis (power, link status, data rate, error)
- Fast startup with Plug & Play technology (auto-negotiation, auto-polarity, auto-crossing)
- Durable construction for industrial use (IP 20, particularly EMC and vibration tests, 24 V supply voltage, without fan)
- Quick assembly (the sturdy devices are simply mounted on a standard DIN rail)
- Store and Forward

Ports:	
RJ45:	3 x MDI / MDI-X, 10 / 100 Mbps;
SC:	2 x Duplex-SC, 100 Mbps
Wavelength:	1310 nm
Power Supply:	24 V DC, max. 250 mA
Dimensions [in mm]:	L = 47, D = 111, H = 135
Order number:	900-2602-05

4 x 10 / 100 BaseT(X), RJ45 + 1 x 100 BaseFX, SC

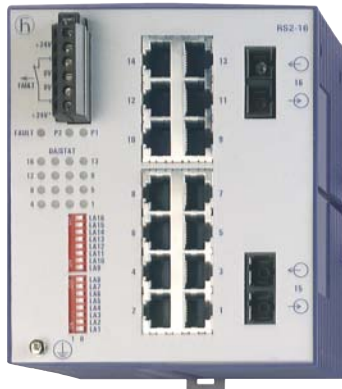


4 + 1 Port Switch, RJ45 + SC

- LED Diagnosis (power, link status, data rate, error)
- Fast startup with Plug & Play technology (auto-negotiation, auto-polarity, auto-crossing)
- Durable construction for industrial use (IP 20, particularly EMC and vibration tests, 24 V supply voltage, without fan)
- Quick assembly (the sturdy devices are simply mounted on a standard DIN rail)
- Store and Forward

Ports:	
RJ45:	4 x MDI / MDI-X, 10 / 100 Mbps;
SC:	1 x Duplex SC, 100 Mbps
Wavelength:	1310 nm
Power Supply:	24 V DC, max. 200 mA
Dimensions [in mm]:	L = 47, D = 111, H = 135
Order number:	900-2601-05

14 x 10 / 100 BaseT(X), RJ45 + 2 x 100 BaseFX, SC

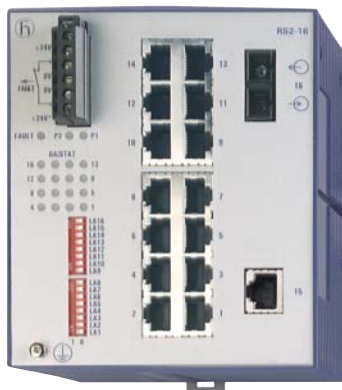


14 + 2 Port Switch, RJ45 + SC

- LED Diagnosis (power, link status, data rate, error)
- Fast startup with Plug & Play technology (auto-negotiation, auto-polarity, auto-crossing)
- Durable construction for industrial use (IP 20, particularly EMC and vibration tests, 24 V supply voltage, without fan)
- Quick assembly (the sturdy devices are simply mounted on a standard DIN rail)
- Store and Forward

Ports:	
RJ45:	14 x MDI / MDI-X, 10 / 100 Mbps;
SC:	2 x Duplex-SC, 100 Mbps
Wavelength:	1300 nm
Power Supply:	24 V DC, max. 420 mA
Dimensions [in mm]:	L = 110, D = 111, H = 131
Order number:	900-2612-16

15 x 10 / 100 BaseT(X), RJ45 + 1 x 100 BaseFX, SC



15 + 1 Port Switch, RJ45 + SC

- LED Diagnosis (power, link status, data rate, error)
- Fast startup with Plug & Play technology (auto-negotiation, auto-polarity, auto-crossing)
- Durable construction for industrial use (IP 20, particularly EMC and vibration tests, 24 V supply voltage, without fan)
- Quick assembly (the sturdy devices are simply mounted on a standard DIN rail)
- Store and Forward

Ports:	
RJ45:	15 x MDI / MDI-X, 10 / 100 Mbps;
SC:	1 x Duplex-SC, 100 Mbps
Wavelength:	1300 nm
Power Supply:	24 V DC, max. 375 mA
Dimensions [in mm]:	L = 110, D = 111, H = 131
Order number:	900-2611-16

for

- ▶ 10 MBit/s
- ▶ 100 MBit/s

Hubs

Ethernet

10 BaseT and 100 BaseTX Twisted Pair Hubs for network expansion and diagnosis.

AREAS OF APPLICATION

- Diagnosis tool in switched networks
- Fast and cost-effective network expansion

4 x 10 BaseT, RJ45



4 Port Hub, RJ45

- Top hat rail mounting
- Diagnosis: LEDs (power, data, link status) and signal contact / fault relays
- Redundant 24 V power supply

Ports: RJ45:	4 x MDI-X, 10 Mbps
Power Supply:	24 V DC, max. 130 mA
Dimensions [in mm]:	L = 45, D = 80, H = 125
Order number:	900-2540-04

4 x 100 BaseTX, RJ45



4 Port Hub, RJ45

- Top hat rail mounting
- Diagnosis: LEDs (power, data, link status) and signal contact / fault relays
- Redundant 24 V power supply

Ports: RJ45:	4 x MDI-X, 100 Mbps
Power Supply:	24 V DC, max. 270 mA
Dimensions [in mm]:	L = 47, D = 111, H = 135
Order number:	900-2550-04

2 x 10 BaseFL, ST + 3 x 10 BaseT, RJ45



2 + 3 Port Hub, ST + RJ45

- Top hat rail mounting
- HIPER ring for high network availability
- Diagnosis: LEDs (power, data, link status, collision) and signal contact / fault relays

Ports: RJ45:	3 x MDI-X, 10 Mbps: 2 x BFOC/ST sockets
Power Supply:	24 V DC, max. 270 mA
Dimensions [in mm]:	L = 80, T = 85, H = 140
Order number:	900-2540-05

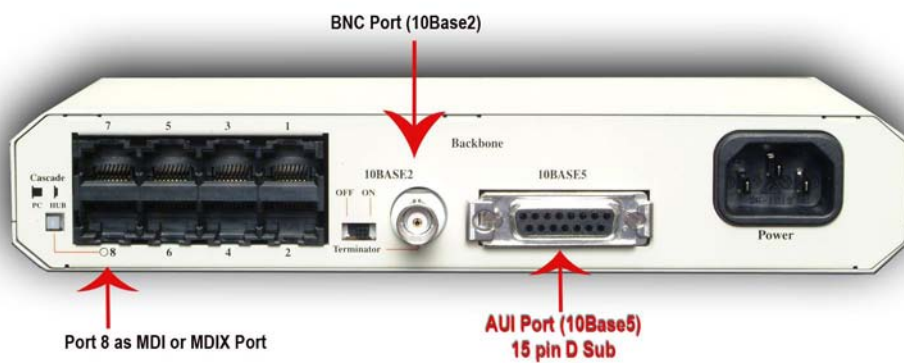
8 x 10 BaseT, RJ45 and AUI



8 Port Hub, RJ45

- Additional AUI backbone port with which an external transceiver can provide attachment to diverse media
- External power supply
- LED status display

Ports:	
RJ45:	7 x MDI-X-Ports, 10 Mbps, 1 x MDI / MDI-X-Port, 10 Mbps
Additional backbone ports:	1 x AUI/F 1 x BNC
Power Supply:	110 - 240V AC, 50/60 Hz
Dimensions [in mm]:	L = 210, D = 107, H = 38
Order number:	900-2500-08



8 Port Hub with additional AUI port, rear view

for

92

▶ 10 Mbps

Micro Transceiver

10 BaseT Micro Transceiver.
Reduces costs for Ethernet wiring.

AREAS OF APPLICATION

- If you want to connect AUI devices with other media
- The AUI connection provides the power ⇒ no additional power supply necessary
- Compact design for direct access to AUI port without AUI cable



AUI zu 10 TP

AUI to 10 TP

- 10 BaseT Transceiver
- SQE (Signal Quality Error)

LEDs:	Receive, Transmission, Collision, Link
Dimensions [in mm]:	L = 57, D = 44, H = 19
Order number:	900-3040-01



AUI zu 10 FL

AUI to 10 FL

- 10 BaseFL Transceiver
- SQE (Signal Quality Error)
- ST Multimode, 850 nm

LEDs:	Receive, Transmission, Collision, Link
Dimensions [in mm]:	L = 57, D = 44, H = 19
Order number:	900-3050-01

Media Converter

10 MBit/s ◀ for
 100 MBit/s ◀
 1.000 MBit/s ◀
 Copper and Fibre ◀



Various type media for network connection such as copper to fiber optic for 10 / 100 and 1.000 Mbps
 With different fiber optic connector types

AREAS OF APPLICATION

- Easy, cost-effective and flexible solution for long distances and to connect components with different media



10 BaseT to 10 BaseFL, ST, Multimode

10 BaseT, RJ45 to 10 BaseFL, ST, Multimode

- Top hat rail mounting
- LED diagnosis (power, data, link status)

Media:	Copper (TP) to Multimode Fiber
Connector:	RJ45 to Fiber-ST
Wavelength:	850 nm
Dimensions [in mm]:	L = 40, D = 80, H = 134
Order number:	900-4010-01



100 BaseTX to 100 BaseFX, SC, Multimode

100 BaseTX, RJ45 to 100 BaseFX, SC, Multimode

- Top hat rail mounting
- LED diagnosis (power, data, link status)

Media:	Copper (TP) to Multimode Fiber
Connector:	RJ45 to Fiber-SC
Wavelength:	1300 nm
Dimensions [in mm]:	L = 47, D = 111, H = 135
Order number:	900-4130-01



100 BaseTX to 100 BaseFX, SC, Single mode

100 BaseTX, RJ45 to 100 BaseFX, SC, Single mode

- Top hat rail mounting
- LED diagnosis (power, data, link status)

Media:	Copper (TP) to Single mode Fiber
Connector:	RJ45 to Fiber-SC
Wavelength:	1300 nm
Dimensions [in mm]:	L = 47, D = 111, H = 135
Order number:	900-4140-01





100 BaseTX to 100 BaseFX,
SC, Multimode

100 BaseTX, RJ45 to 100 BaseFX, SC, Multimode

- Including power adapter
- Can be used as single device or in a Converter Chassis
- Half / Full Duplex
- Auto-negotiation

Media:	Copper (TP) to Multimode Fiber
Connector:	RJ45 to Fiber-SC
Wavelength:	1300 nm
Dimensions [in mm]:	L = 86, D = 134, H = 29
Order number:	900-4500-01

100 BaseTX, RJ45 to 100 BaseFX, SC, Single mode



100 BaseTX to 100 BaseFX,
SC, Single mode

- Including power adapter
- Can be used as single device or in a Converter Chassis
- Half / Full Duplex
- Auto-negotiation

Media:	Copper (TP) to Single mode Fiber
Connector:	RJ45 to Fiber-SC
Wavelength:	1300 nm
Dimensions [in mm]:	L = 86, D = 134, H = 29
Order number:	900-4510-01

100 BaseTX, RJ45 to 100 BaseFX, ST, Multimode



100 BaseTX to 100 BaseFX,
ST, Multimode

- Including power adapter
- Can be used as single device or in a Converter Chassis
- Half / Full Duplex
- Auto-negotiation

Media:	Copper (TP) to Multimode Fiber
Connector:	RJ45 to Fiber-ST
Wavelength:	1300 nm
Dimensions [in mm]:	L = 86, D = 134, H = 29
Order number:	900-4520-01

Ethernet Adapter

10 Mbps ◀ for
100 Mbps ◀
1.000 Mbps-
Ethernet ◀



Ethernet Adapter for several bus systems.
PCI and PCMCIA for 10 / 100 und 1.000 Mbps.

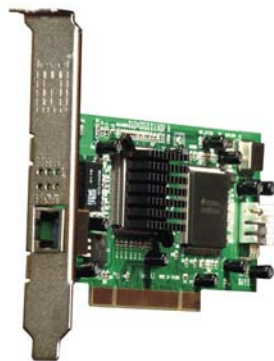


PCI bus adapter, RJ45,
10 / 100 Mbps

PCI bus, 10 / 100 BaseT(X), RJ45

- Auto-negotiation

Port:	1 x RJ45, 10 / 100 Mbps
Operating systems:	Windows 98 / NT / 2000 / ME / XP, Linux
Transmission mode:	Half / Full Duplex
Order number:	900-5110-01



PCI bus adapter, RJ45,
10 / 100 / 1.000 Mbps

PCI bus, 10 / 100 / 1.000 BaseT(X), RJ45

- Auto-negotiation

Port:	1 x RJ45, 10 / 100 / 1.000 Mbps
Operating systems:	Windows 98 / NT / 2000 / ME / XP, Linux
Transmission mode:	Half / Full Duplex
Order number:	900-5200-01



PCMCIA, RJ45,
10 / 100 Mbps

PCMCIA, 10 / 100 BaseT(X), RJ45

- PCMCIA Type II and III
- Auto-negotiation

Port:	1 x RJ45, 10 / 100 MBit/s kein Adapter notwendig
Operating systems:	Windows 98 / NT / 2000 / ME / XP, Linux
Transmission mode:	Half / Full Duplex
Order number:	900-5030-01

Ethernet Cables



Patch cable, Cat. 5e / Cat. 6 / Cat 7, grey



Patch cable, Cat. 5e / Cat. 6 / Cat. 7

- With cable boot and strain relief
- Double screened

		Order numbers:
	Cat. 5e; 1 meter	900-9000-01
	Cat. 5e; 3 meters	900-9000-03
	Cat. 5e; 5 meters	900-9000-05
	Cat. 6; 1 meter	900-9010-01
	Cat. 6; 3 meters	900-9010-03
	Cat. 6; 5 meters	900-9010-05
	Cat. 7; 1 meter	900-9020-01
	Cat. 7; 3 meters	900-9020-03
	Cat. 7; 5 meters	900-9020-05

Crossover Patch cable, Cat. 5 / Cat. 6, black



Crossover Patch cable, Cat. 5 / Cat. 6

- With cable boot and strain relief
- Double screened

		Order numbers:
	Cat. 5e; 1 meter	900-9050-01
	Cat. 5e; 3 meters	900-9050-03
	Cat. 5e; 5 meters	900-9050-05
	Cat. 6; 1 meter	900-9070-01
	Cat. 6; 3 meters	900-9070-03
	Cat. 6; 5 meters	900-9070-05

Fiber optic duplex Patch cable



Fiber optic Duplex Patch cable

- Length 1 m

			Order numbers:
	ST/ST	50/125 μm	900-9200-01
	ST/ST	62,5/125 μm	900-9201-01
	ST/SC	50/125 μm	900-9210-01
	ST/SC	62,5/125 μm	900-9211-01
	SC/SC	50/125 μm	900-9220-01
	SC/SC	62,5/125 μm	900-9221-01
	ST/MTRJ	50/125 μm	900-9230-01
	ST/MTRJ	62,5/125 μm	900-9231-01
	MTRJ/MTRJ	50/125 μm	900-9240-01
	MTRJ/MTRJ	62,5/125 μm	900-9241-01
	ST/LC	50/125 μm	900-9250-01
	ST/LC	62,5/125 μm	900-9251-01
	SC/LC	50/125 μm	900-9260-01
	SC/LC	62,5/125 μm	900-9261-01
	LC/LC	50/125 μm	900-9270-01
	LC/LC	62,5/125 μm	900-9271-01

Other lengths on demand!

Network Accessories



Cat. 5e Bulk cable



Verlegekabel, Cat. 5e

- Cable structure 4 x 2 AWG 24/1
- Overall screening by foil and copper braid
- PCV cable jacket, LSZH

		Order numbers:
	100 m	900-9060-01
	500 m	900-9060-02

19" Patch Panel, Cat. 5e



Patch Panel Cat. 5e

- Steel made rack mount with 16 resp. 24 RJ45 jacks
- Full screened
- Screening contact and strain relief
- Easy to install by LSA method
- RAL 7032 grey

		Order numbers::
	16 x RJ45	900-9900-16
	24 x RJ45	900-9900-24



Punch down tool

Punch down tool (terminating and cutting)

	Order number:	900-9810-01
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LAN and ISDN cable tester

LAN and ISDN cable tester

- Shorts, wiring errors and open wires
- Error indication for each wire

	Order number:	900-9800-01
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RJ45 Coupler Cat. 5e

RJ45 Coupler Cat. 5e

- Female / female, 1:1

	Bestellnummer:	900-9090-01
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