

10" Gigabit Ethernet Switch, 16-Port, Unmanaged

DN-80115-1
EAN 4016032509295



Gigabit Ethernet Switch 16-port, 10 inch, unmanaged

The DIGITUS® DN-80115-1 is a compact 16-port Gigabit switch for high-performance network infrastructures with many wired end devices. With 16 × 10/100/1000Base-T ports and a switching capacity of 32 Gbps, the device offers sufficient performance reserves for parallel data transmissions at high utilization rates. The switch operates as an unmanaged Layer 2 device and requires no configuration. Auto-negotiation automatically detects speed and duplex mode, while Auto MDI/MDI-X enables the use of different cable types without manual adjustment. The non-blocking architecture combined with store-and-forward technology ensures reliable, packet-checked data forwarding. IEEE 802.3x Flow Control (Full Duplex) and Back-Pressure (Half Duplex) support stable performance even with increased network load. The fanless metal housing ensures silent operation and reduces mechanical wear parts. Thanks to its 10" compatibility (1U), the switch is particularly suitable for compact network cabinets, wall distributors or structured building cabling.

Expands networks quickly and cost-effectively by 16 Gigabit ports, ideal for compact 10" distribution solutions.

- Ports: 16 × 10/100/1000Base-TX
- Standards: IEEE 802.3, 802.3u, 802.3ab, 802.3x
- Switching capacity: 32 Gbps
- Forwarding: Non-blocking
- Architecture: Store-and-Forward
- MAC addresses: 8K
- Duplex mode: Half / Full Duplex Auto-Detection
- Flow Control: IEEE 802.3x (Full Duplex), Back-Pressure (Half Duplex)

- Design: 10" (25 cm)
- Mounting: Rack or desktop
- Housing: Metal
- Fan: No (passive cooling)
- Dimensions: approx. 252 × 150 × 42 mm
- Input voltage: 100-240 V AC, 50/60 Hz
- Internal power supply unit
- Power consumption: max. 15 W
- Operating temperature: 0 °C to 40 °C
- Storage temperature: -10 °C to 70 °C
- Humidity: 5 % - 95 % (non-condensing)

Attributes

- Number of ports: 16
- Ethernet speed: Gigabit
- Industrial usage: no
- Installation type: 10 inch
- Managed: no
- Outdoorsuitable: no
- PoE (Power over Ethernet): no
- Protection against vandalism: no
- VLAN: no

Package contents

- DN-80115-1 10" Gigabit Switch
- Mains cable
- Quick start guide
- Rubber feet

More images:





Safety notes

- This product is intended for indoor use only.
- Read all instructions and follow all warnings and instructions on the device.
- Do not place this appliance on an unstable surface (such as a trolley, stand, table, etc.).
- Do not use this appliance near water.
- Do not place this appliance near or above a radiator.
- The housing is equipped with openings for heat dissipation and ventilation. To prevent overheating during operation, the ventilation openings must not be blocked or covered.
- Do not place the appliance on a soft surface (e.g. bed, sofa, blanket, etc.). This will block the ventilation.
- The appliance must not be installed in a closed environment if adequate ventilation is not guaranteed.
- Do not spray any liquids onto the appliance.
- Disconnect the mains plug before cleaning. Do not use any liquid or foam cleaners.
- Clean the appliance with a damp cloth.
- Connect the device according to the power supply on the rating plate.
- To prevent damage to the appliance, it is important that all appliances are properly earthed.
- Do not place any objects on the power cable and lay it in such a way as to avoid tripping hazards.
- Use a surge protector, a regulator or an uninterruptible power supply (UPS) to protect your system from sudden, temporary and reduced power.
- Secure the system cable and mains cable properly and ensure that no objects are pressing on the cable.
- Do not insert any objects into the appliance through the openings in the housing. There is a risk of a short circuit, which can lead to fire or electric shock.
- Do not attempt to repair the appliance yourself. Always contact an authorized customer service centre.
- If any of the following conditions occur, unplug the appliance and send it to an authorized service centre for repair
 - The mains cable, power supply unit or plug for the power supply is damaged or worn;
 - Liquid has penetrated the appliance;
 - The device has been exposed to rain or water;
 - The device has been dropped or the housing has been damaged;
 - The function of the device has obviously changed;
- The appliance cannot be operated as described in the operating instructions.