

Technical characteristics

Switch Features

Switch type	Unmanaged Ethernet Switch
Supported standards	IEEE 802.3
Support of jumbo frames	No (Fast Ethernet Basic) Yes (Full Gigabit Ethernet Basic)
Non-blocking	Yes
PROFINET compatible	Yes
Ethernet/IP compatible	Yes
Frame Size	1522 bytes (Fast Ethernet Basic) 10 kbytes (Full Gigabit Ethernet Basic)
Quality of Service	Yes
Energy Efficient Ethernet	Yes

Ethernet Ports Twisted Pair

Transfer standard	10BASE-T _e / 100BASE-T _X EEE; (Fast Ethernet Basic) 10BASE-T _e / 100BASE-T _X EEE / 1000BASE-T EEE; (Full Gigabit Ethernet Basic)
Auto-Negotiation	Yes
Auto-Polarity	Yes
Auto-MDI(X)	Yes
Transfer length	100 m (twisted pair, Cat 5)






Ethernet ports, fibre optic cables

Transfer standard	100BASE-FX (Fast Ethernet Basic) 1000BASE-SX (MM) / 1000BASE-LX (SM); (Full Gigabit Ethernet Basic)
Wavelength	1310 nm (Fast Ethernet Basic) 850 nm (MM) / 1310 nm (SM); (Full Gigabit Ethernet Basic)
Output capacity in dBm	-20 dBm ... -14 dBm (MM) / -15 dBm ... -8 dBm (SM); (Fast Ethernet Basic) -9.5 dBm ... -4 dBm (MM) / -9.5 dBm ... -3 dBm (SM); (Full Gigabit Ethernet Basic)
Receiver sensitivity	≤ -30 dBm (MM) / ≤ -32 dBm (SM); (Fast Ethernet Basic) ≤ -17 dBm (MM) / ≤ -21 dBm (SM); (Full Gigabit Ethernet Basic)

Ethernet ports, SFP

Transfer standard	Depending on used SFP
Termination	Depending on used SFP, RJ45 or LC
Transfer conditions	Depending on used SFP, twisted pair or optical fibre cable
Transfer speed	Depending on used SFP, 100 or 1000 Mbit/s
Transfer length	Depending on used SFP

Status and diagnostics displays (Switch and Ports)

Power  lit green	Supply voltage is applied
Link/Activity ("L/A") off	No link
Link/Activity ("L/A") lit green	Link is active
Link/Activity ("L/A") flashes green	Link is active and data is transferred
Link speed ("Spd") off	10 Mbit/s
Link speed ("Spd") lit yellow	100 Mbit/s
Link speed ("Spd") lit green	1000 Mbit/s (Full Gigabit Ethernet Basic)
PoE  off	PoE is inactive / low voltage
PoE  lit green	Voltage in PoE range
PoE  lit blue	Voltage in PoE+ range
PoE  lit red	Fault (see manual)