

Prime Connect 4055s Datasheet

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Specification	**Prime Connect 4055s**
Standards & Protocols	IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3ab Gigabit Ethernet, IEEE 802.3z Gigabit Fiber Ethernet, IEEE 802.3x Flow Control
RJ45 Interface	1 × 10/100/1000 Mbps RJ45 port
Fiber Interface	1 × 1000 Mbps open SFP slot
SFP Compatibility	Compatible with suitable 1000BASE-X SFP transceiver modules
Fiber Type	Multi-mode Fiber (MMF) or Single-mode Fiber (SMF), depending on the installed SFP module
Copper Network Media	Category 5/5e or better UTP/STP Ethernet cabling
Copper Transmission Distance	Up to 100 m under standard Ethernet cabling conditions
Fiber Transmission Distance	Dependent on the installed SFP module; supported distance varies by transceiver and fiber type
Wavelength	Determined by the installed SFP transceiver
Operating Mode	Auto-negotiation of Ethernet speed and half/full-duplex operation
Auto MDI/MDIX	Supported on RJ45 interface
Flow Control	IEEE 802.3x
LED Indicators	Power, Link/Activity and Gigabit status
Power Supply	External DC power adapter
Power Consumption	Approx. 1.7 W
Dimensions	Approx. 94.5 × 73.0 × 27.0 mm (W × D × H)
Enclosure	Compact metal enclosure with ventilation openings
Installation	Standalone desktop installation
Operating Temperature	0°C to 50°C
Storage Temperature	-40°C to 70°C
Operating Humidity	10% to 90% RH, non-condensing
Storage Humidity	5% to 90% RH, non-condensing
Compliance	Designed with applicable Ethernet and EMC/environmental compliance requirements in mind