AS5812-54X-EC









10 GbE L3 Switches with SDN Capability Supporting OpenFlow 1.3

The AS5812-54X-EC is 48-port 10GbE switches with 6 x 40GbE uplinks designed for carrier/enterprise aggregation, data center top-of-rack, and SDN-enabled networks.

Rating: Not Rated Yet
Price

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Description

The AS5812-54X-EC and AS5812-54T-EC are 48-port 10GbE switches with 6 x 40GbE uplinks designed for carrier/enterprise aggregation, data center top-of-rack, and SDN-enabled networks. The AS5812-54X-EC includes 48 x 10 GbE SFP+ ports, and the AS5812-54T-EC has 48 x 10GBASE-T RJ-45 ports. The switches are an ideal solution for traditional three-tier aggregation or core and folded-Clos architectures, serving with a 2:1 oversubscription.

The switches run EdgeCOS, providing traditional Layer 2 and Layer 3 switching functionality, as well as OpenFlow 1.3, leveraging Broadcom’s OpenFlow Data Plane Abstraction (OF-DPA) that delivers the most out of the switching silicon. By using OF-DPA, EdgeCOS provides more tables, larger table sizes, and a streamlined OpenFlow pipelining, compared to legacy OpenVswitch-based software solutions.