

Product Information for Customs – Cisco Meraki MS450-12 (for tariff code 8517 69 90)

Product Name:

Cisco Meraki MS450-12 (part number MS450-12-HW)

Type of goods: Cloud-managed Layer 3 aggregation switch / Apparatus for the transmission and reception of data in communication networks

Detailed Product Description:

The Cisco Meraki MS450-12 is an apparatus designed for the transmission, reception, switching and routing of voice, images or other data in wired communication networks (e.g. local area networks LAN and wide area networks). The product functions as a central switching unit that manages and directs data traffic between connected devices such as computers, servers, IP telephones, wireless access points, surveillance cameras and other network devices. Its main function is to enable efficient and secure data transmission within a network, which exactly matches the description in tariff code 8517 69 90 ("Other apparatus for the transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network").

Technical Specifications Supporting the Classification:

- 12 x 40 GbE QSFP+ ports
- 2 x 100 GbE QSFP28 fiber uplinks
- 2x dedicated stack ports (400 Gbps stacking bandwidth)
- Switching capacity: 1.36 Tbps
- Layer 3 routing with 802.1q VLAN, DHCP snooping, 802.1X
- 1U rack-mount, dual hot-swappable 250W PSU, cloud-based management via Meraki Dashboard

Intended Use:

Used in offices, branches and enterprise networks to build and maintain wired network infrastructures where data transmission and communication is the primary function. The product is not a telephone, not a videophone, not an entry-phone system and not a radiotelephony receiver – it is a dedicated network apparatus for data handling in LAN/WAN.

Classification according to the tariff schedule:

The product falls under 8517 69 90 because it is an apparatus for the transmission/reception of data in a communication network and is not covered by more specific subheadings (e.g. 8517 69 10–30). This is consistent with how several European suppliers already classify and declare this exact model.