Product Information for Customs – Cisco Meraki MX450 (for tariff code 8517 69 90)

Product Name:

Cisco Meraki MX450 (part number MX450-HW)

Type of goods: Cloud-managed SD-WAN security appliance / Apparatus for the transmission and reception of data in communication networks

Detailed Product Description:

The Cisco Meraki MX450 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, wide area networks and SD-WAN). The product functions as a unified threat management (UTM) security appliance and SD-WAN gateway that manages and directs data traffic between networks, providing firewall, VPN, content filtering, intrusion detection/prevention, and malware protection. Its main function is to enable efficient and secure data transmission between networks, 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:

- NAT firewall throughput: 10 Gbps, NGFW: 5 Gbps, NGFW detection: 7 Gbps
- VPN throughput: 6.5 Gbps
- 2x 10 GbE SFP+ WAN ports
- 8x 10 GbE SFP+ LAN + 8x 1 GbE SFP LAN + 8x 1 GbE RJ45 LAN ports
- 1x RJ45 management port
- Recommended for up to 10,000 devices (large campus/VPN concentrator)
- 1U rack-mount, dual 250W PSU, cloud-based management via Meraki Dashboard

Intended Use:

Used in offices, branches and enterprise networks to provide secure connectivity between networks, including site-to-site VPN, internet security, and SD-WAN functionality. The product is not a telephone, not a videophone, not an entry-phone system and not a radiotelephony receiver – it is a dedicated network security apparatus for data handling in LAN/WAN/SD-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.