

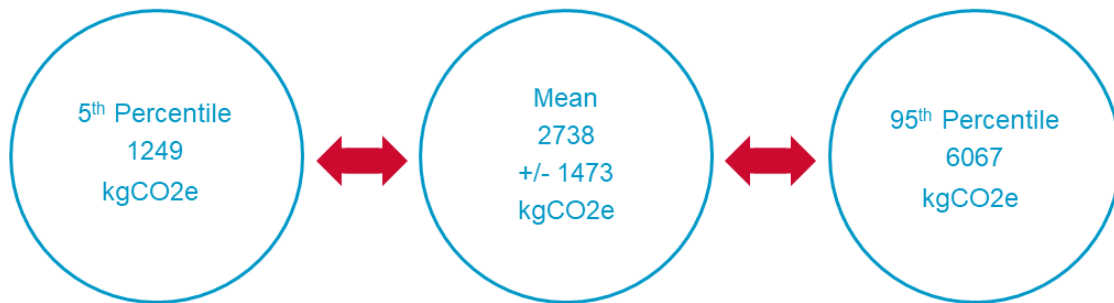
Brocade[®] 7810 Extension Switch

Report Produced April 2024

Power consumption and environmental impact are important considerations for customers, and Brocade has led the way in power efficiency for many years. The Brocade hardware engineering teams have achieved much higher levels of integration in Brocade[®] hardware, leading to dramatically lower power consumption for Brocade storage networking hardware. We strive to be efficient throughout the product lifecycle, from design, manufacturing, packaging and shipping, to the use of our products, to end-of-life.

This report was produced to provide an estimate of the potential carbon impacts of a product for the customer using the Product Attributes to Impact Algorithm (PAIA) model, developed by the Massachusetts Institute of Technology's Materials Systems Laboratory and partners, Version 1.4, copyright by the ICT Benchmarking collaboration including the Massachusetts Institute of Technology's Materials Systems Laboratory and partners. The information in this report is subject to change as the model, tool, or data inputs are updated.

Figure 1: Brocade 7810 Extension Switch Carbon Footprint



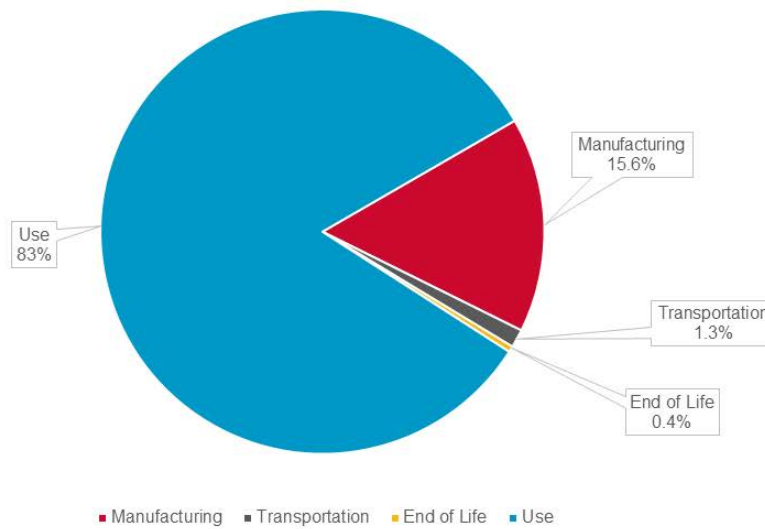
Please remember that the product carbon footprint values are only estimates; therefore, the values are subject to uncertainties and should not be used for emissions inventories or formal carbon footprinting exercises. Actual product carbon footprint values may vary depending on a number of factors, including how the device is configured and used, where it is deployed, and what type of power source is used. The carbon intensity of the energy sector varies considerably from country to country. Broadcom provides the 5th percentile and the 95th percentile numbers to reflect the possible range. For the Brocade 7810 Extension Switch, the estimated mean product carbon footprint is 2738 kg of CO₂e, with a standard deviation of 1473 kg of CO₂e.

The assumptions used for these calculations are as follows:

Product Type	Extension Switch	Port Count Minimum	18
Product Weight	8.43 kg	Port Count Maximum	18
Product Lifetime	4 years	PSU Count	2
Use Location	Europe	Final Assembly Location	Czech Republic

Figure 2: Broadcom 7810 Extension Switch Carbon Footprint Lifecycle

ESTIMATED PRODUCT CARBON FOOTPRINT BY LIFECYCLE STAGE



Learn more about what Broadcom is doing regarding Environmental, Social and Governance impacts, go to: www.broadcom.com/company/citizenship

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