COLD PLATE LIQUID COOLING ASSEMBLY FOR OPTICAL MODULES AND NETWORK SWITCHING DEVICE

ABSTRACT

Provided is a cold plate liquid cooling assembly for optical modules and a network switching device. The cold plate liquid cooling assembly for optical modules includes: a cold plate body, extending along a first direction and including a first side and a second side opposite to each other; multiple floating heat conduction blocks, connected with the first side of the cold plate body and capable of floating along a second direction perpendicular to the first direction, where the multiple floating heat conduction blocks are arranged at intervals along the first direction, and the multiple floating heat conduction blocks contact with optical modules; a thermal pad, arranged between the cold plate body and the multiple floating heat conduction blocks, and in contact with the cold plate body and the multiple floating heat conduction blocks; and at least one liquid cooling tube, arranged on the second side of the cold plate body.

Fig 10.