for the ... IPQ1645 Series

cool.Jacket

Active housing cooling: High Definition meets High Temperatures

Datasheet.

Features.

Compatible with

ExCam IPQ1645, RoughCam IPQ1645

Conzept

Intercooler-System for process water: The cooling element is flooded with cooling water. So the inside temperature is kept below the maximum permitted value of the camera module by the principle of heat exchange. So the functional ambient temperature range could be extended. The water flow could be controlled automatically or, if needed, manually.



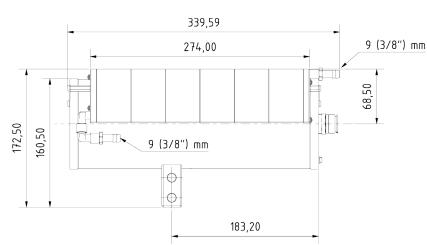
The customer has to ensure solid water supply and temperatures below 20° C at the inlet to the cool.Jacket. The unregulated variant is permanently flown through the supplying water. The water supply has to be manually turned off/on depending on hot and cold periods. Furthermore it has to be guaranteed that the exrelevant ambient temperature is not exceeded.

Physical Characteristics:

Specifi thermal conductivity:	λ= 170-220 W/(m*K)
Specific heat capacity:	c = 896 J/(m*K)

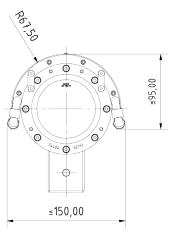
Dimensions.

cool.Jacket-VA2.3



Side view right

Front view



Optional accessories:

Tubes, Insulation (Armaflex), Water cooling unit

* = illustration shows model with accessories that are subjected to an extra charge

cool.Jacket[®] for IPQ1645

Concept.

Hydraulic plan.

cool.Jacket-VA2.3

