

Technical Data Sheet for ORS221 ORCA Response 2L 2°C to 8°C vs ISTA 7D Summer and Winter



The IntelSius ORCA Response 2L 2°C to 8°C is a multi-use high performance solution qualified against ISTA 7D offering over 68 hours of thermal protection for 2°C to 8°C temperature sensitive payloads.

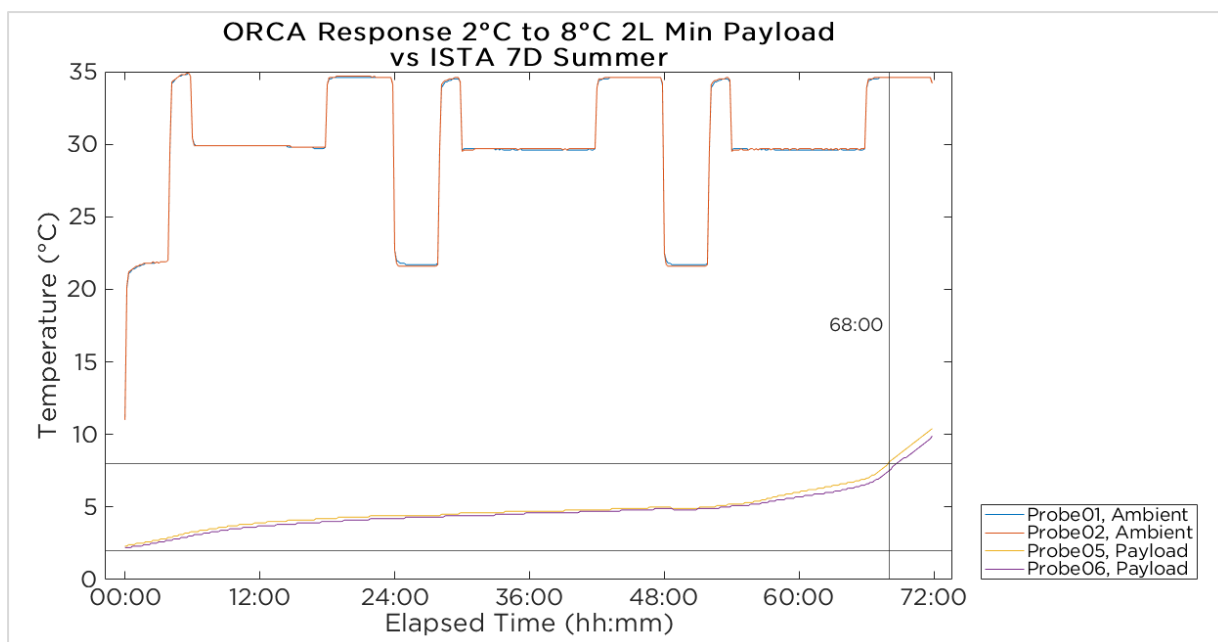
The ORCA Response range utilises Phase Change Material (PCM) and Vacuum Insulation Panels (VIP) for temperature control.

The payload probes maintained a temperature between 2°C and 8°C for a minimum duration of 68 hours when tested against ISTA 7D Summer.

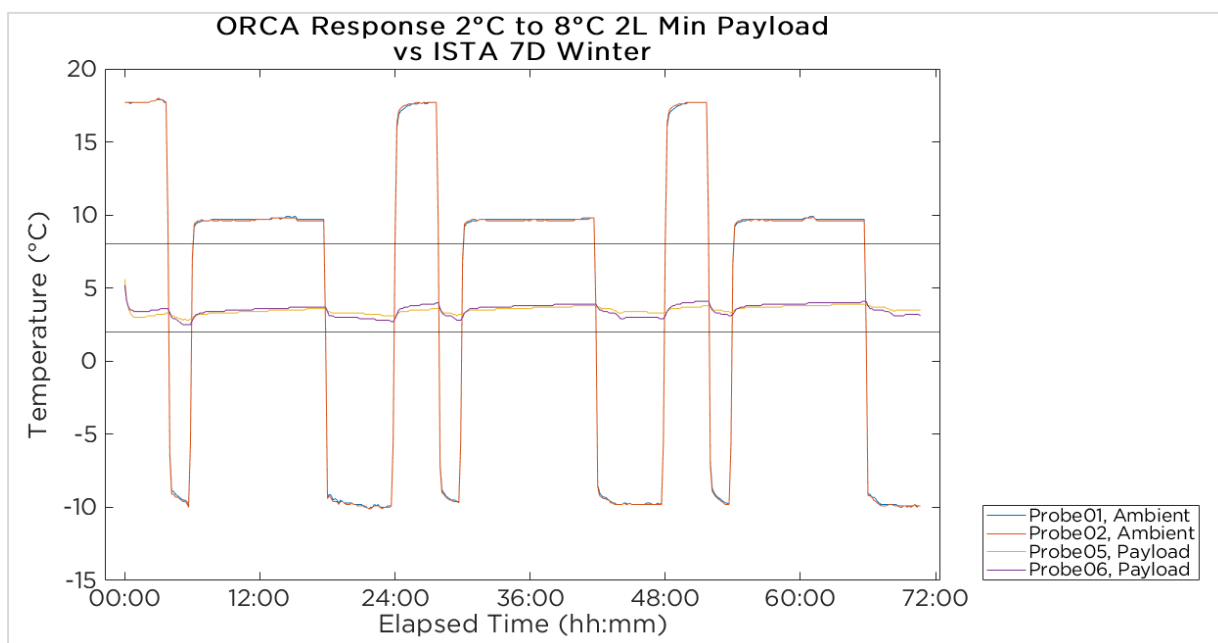
The payload probes maintained a temperature between 2°C and 8°C for a duration in excess of 72 hours when tested against ISTA 7D Winter.

Code	Product Name	External Dimensions	Payload Dimensions	Payload Volume	Mass	Volumetric Weight L/6
ORS221	ORCA Response 2L 2°C to 8°C	347 x 260 x 223 mm 13.7 x 10.2 x 8.8 in	190 x 130 x 91 mm 7.5 x 5.1 x 3.6 in	2.2 L	5.4 kg 11.9 lbs	3.4 kgvol ^c 7.4 lbsvol ^c





The International Safe Transit Association (ISTA) 7D Summer profile is a 24-hour stepped thermal exposure between +22°C and +35°C.



The International Safe Transit Association (ISTA) 7D Winter profile is a 24-hour stepped thermal exposure between -10°C and +18°C.

Summer Duration (hh:mm)	Winter Duration (hh:mm)
68:00	72:00+