

Specification	Details
Brand	HALJIA
Chip	DS18B20
Temperature Range	-55 °C to +125 °C
Supply Voltage	3.0 V – 5.5 V
Power Source	Parasitic power via data line (no external power needed)
Interface	1-Wire digital
Cable Length	1 m (extendable, e.g. to 4 m)
Probe Size	6 mm × 50 mm
Cable Colours	Red (VCC), Yellow (DATA), Black (GND)
Waterproof	Yes
Package Dimensions	9.2 × 6.8 × 0.8 cm; 120 g
Compatible With	Arduino, Raspberry Pi, ESP32 and similar microcontrollers