

WSP-1

Weather Station Splitter

The Weather Station Splitter (WSP-1) is a specialized data-sharing device designed for the MBS-WS Weather Station Sensor. It facilitates the simultaneous connection of a single MBS-WS unit to two separate controllers, ensuring concurrent data transmission across the greenhouse management network. WSP-1 is optimized for high stability and signal integrity over extended distances.



Specifications

WSP-1

Input Voltage

Input Voltage 12V DC \pm 1V

Operating Current

Operating Current 30mA

IP Rating

IP Rating IP66

Working Environments

Temperature 32~104°F (0~40°C)

Humidity \leq 90%RH

Package Dimensions

Size 6.14inch / 156mm (L) x
3.27inch / 83mm (W) x
1.18inch / 30mm (H)

Gross Weight 0.18lbs / 0.08kg

Package Contents

Weather Station Splitter 1pc

RJ12 Female to Female Coupler 2pcs

Installation

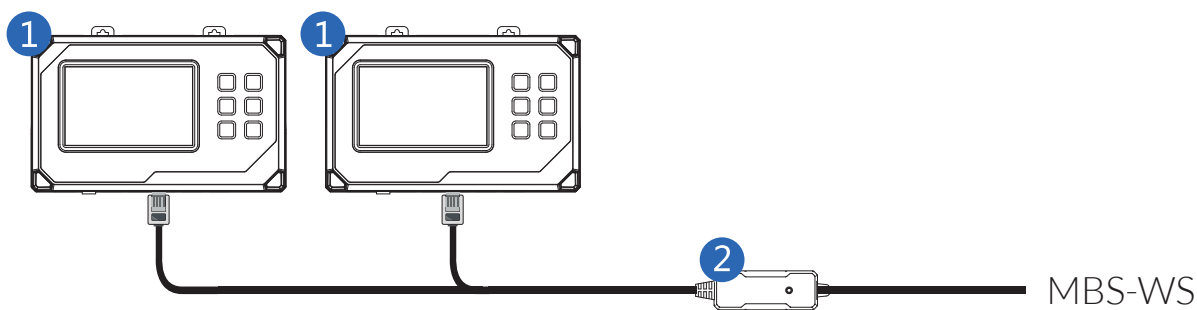
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- Connectivity:** Connect the primary RJ12 input port of the WSP-1 to the MBS-WS Weather Station.
- Dual Controller Link:** Attach the two secondary signal output cables to two separate GCS-1 Controllers using standard RJ12 cabling.
- Verification:** Monitor both GCS-1 units to ensure the sensor readings (wind velocity, rainfall, temperature, etc.) are synchronized and consistent.
- Signal Testing:** Verify that connecting or disconnecting the RJ12 ports does not result in erratic data values on the controller displays.

Link Up

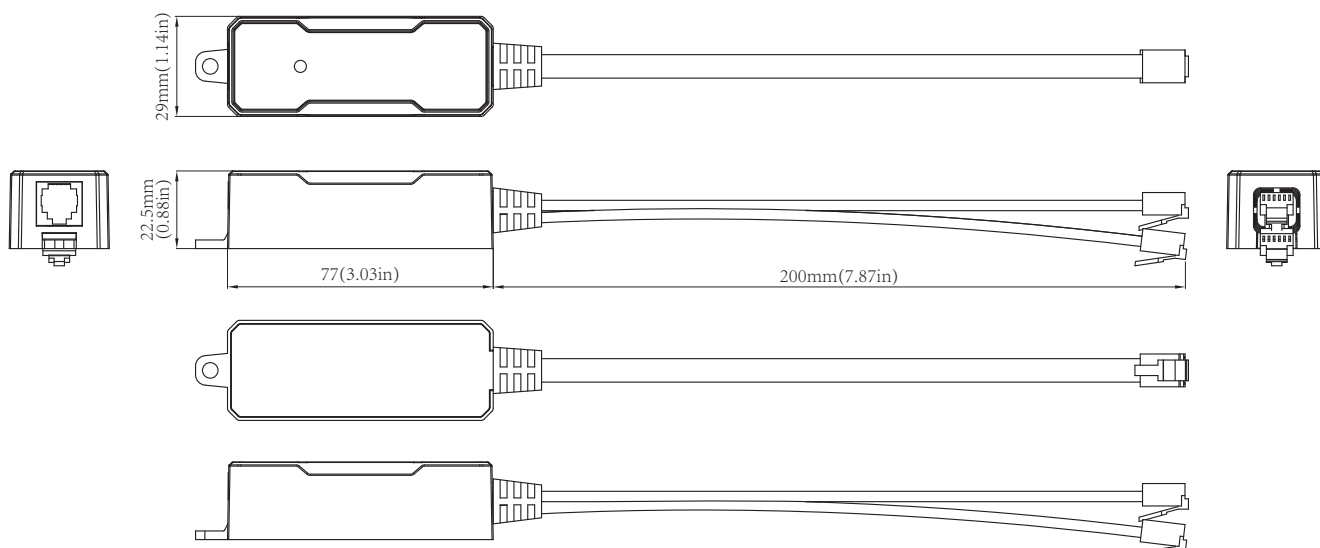
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Connection Diagram



1. Controller (GCS-1) 2. Weather Station Splitter

Product Dimensions



RoHS