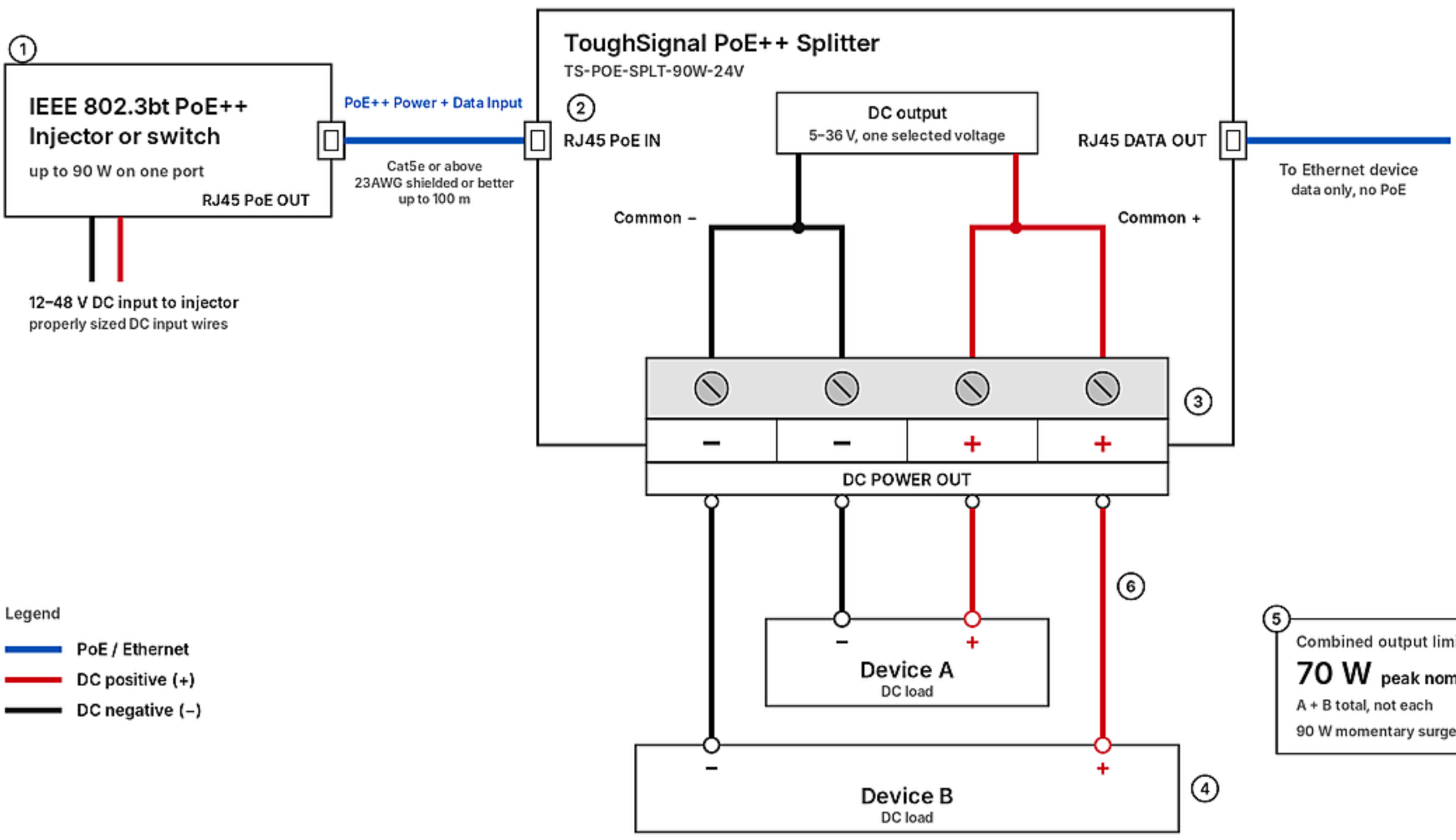
Splitter DC Output Wiring

MobileMustHave

ToughSignal PoE++ Splitter | SKU TS-POE-SPLT-90W-24V



Notes

1. Use an IEEE 802.3bt PoE++ injector or switch that can supply up to 90 W on a single port, such as the compatible injector listed on the product page.
2. The splitter has no DC input and is powered only through the PoE++ IN port. DC input wiring (12–48 V) goes to the injector or switch and must be properly sized.
3. Both negative terminals share a common bus and both positive terminals share a common bus. Devices A and B are wired in parallel and receive the same selected output voltage. These are common connections, not independently regulated or isolated outputs.
4. Set the output (5–36 V programmable) within the input range of every connected device. Most Peplink routers accept a maximum of 30 V DC. Confirm the voltage on the front-panel display and follow the polarity markings printed on the unit before connecting any load.
5. Device A and Device B share one output: 70 W peak nominal combined, not 70 W each. 90 W is a momentary surge rating based on ToughSignal in-house testing.
6. Separately, the splitter's DC output wiring must be sized appropriately for the application. For an Antenna MAX S installation, MobileMustHave guidance is usually a minimum of 18 AWG copper to both the router and Starlink. This is not a guarantee that 18 AWG suits every run or load; size the wiring for the actual current, cable length and installation conditions.