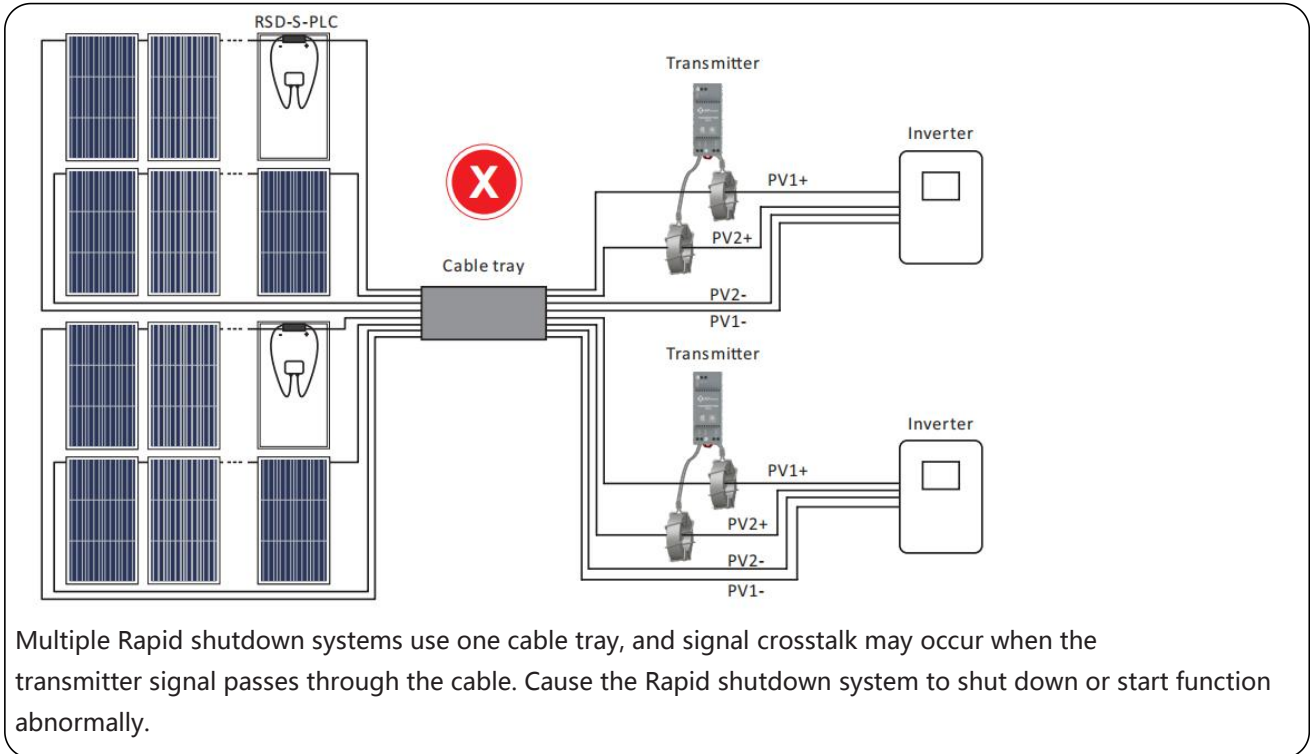


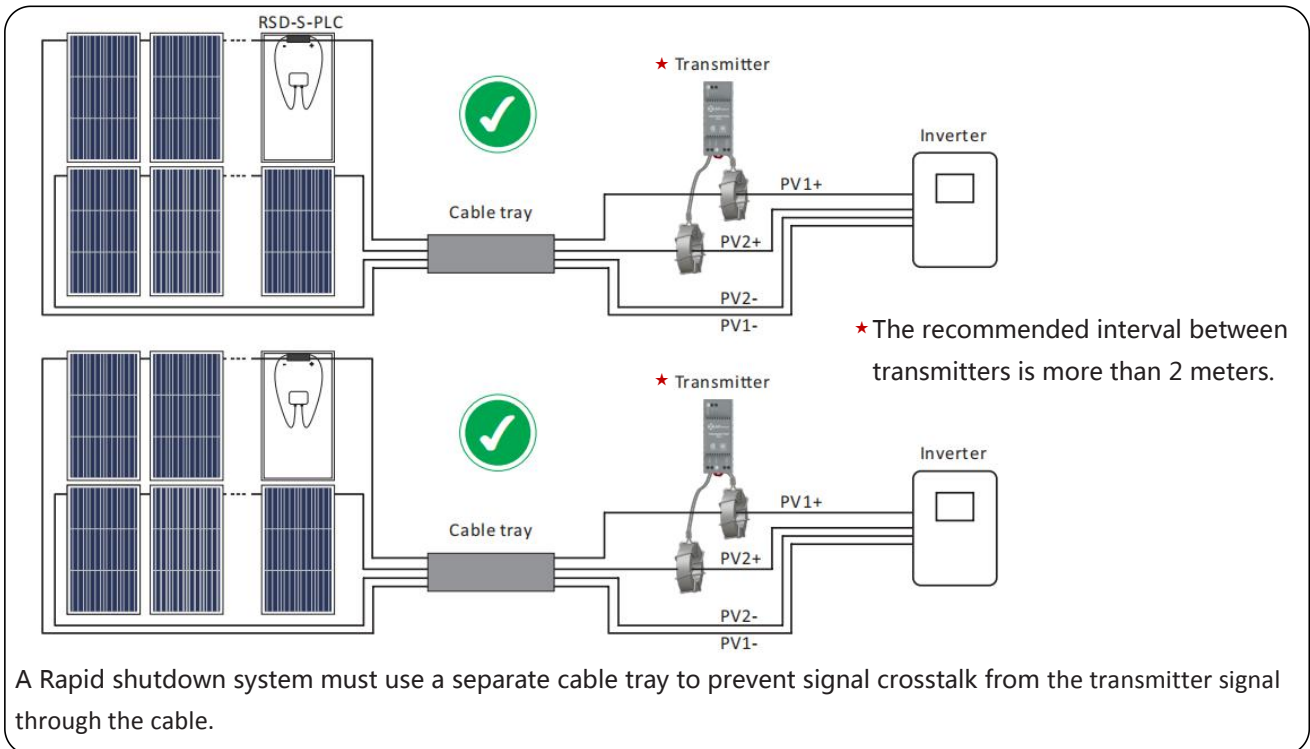
Installation instructions for cable tray of RSD

If a system uses 2 or more transmitters, the following instructions are recommended to ensure a successful installation.

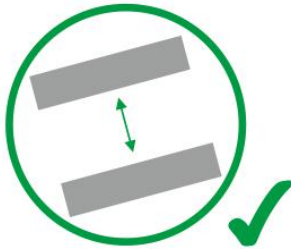
Cable tray installation method 1: avoided



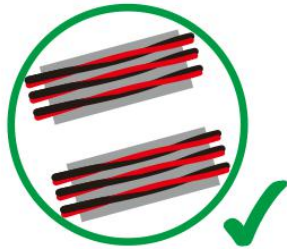
Cable tray installation method 2: recommended



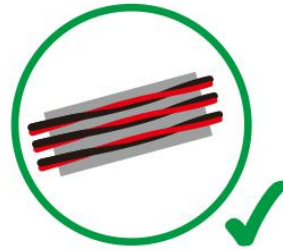
Note: the “Recommended” method only applies to the installations that may have this PLC communication issue and should be the best and easily way to help to solve the issue.



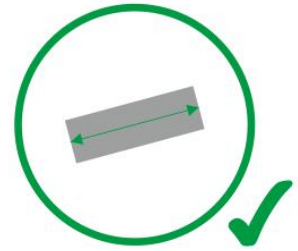
The cable trays for two different rapid shutdown systems should be installed as far apart as possible (more than 20cm)



PV+&PV- of a string should be placed in the same cable tray

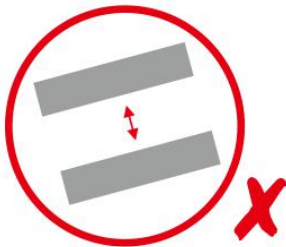


The PV +& PV - of the same string should be placed as twisted-pair in a cable tray



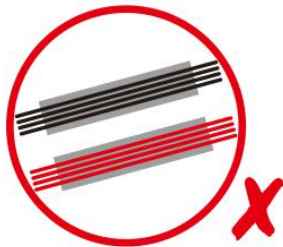
If multiple rapid shutdown systems use the same cable tray, the length of the cable tray should be kept as short as possible (less than 3m)

VS



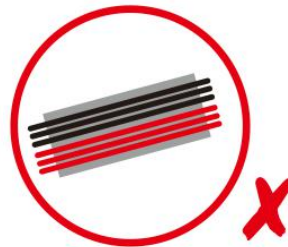
The cable tray cannot completely isolate the communication crosstalk between the power cables. The closer the two cable trays are, the more likely communication crosstalk is to occur

VS



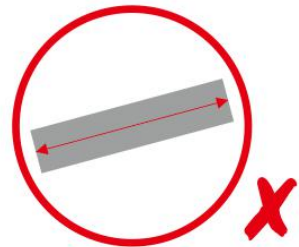
Do not put all the PV+ or all the PV- together in the same cable tray

VS



Do not separate PV + and PV - in a cable tray

VS



The longer the cable tray is, the more likely communication crosstalk is to occur