Introduction
The FX2N-GM-65EC cable is used to connect the FX2N or FX2NC series programmable controllers (PLC) to the FX2N series pulse generation units (PGU) at a distance 650 mm. For the construction of the optimum PC system the following points should be observed when using this extension cable.

1. Method of cable connection
The PLC and the PGU are connected with the FX2N-GM-65EC.

2. System configurations
Only one FX2N-GM-65EC can be used per system. However the positioning of FX2N-GM-65EC is completely flexible. The right hand port of the PLC must be connected to the left hand port of the PGU.

3. Miscellaneous
Practice of laying cables well away from power lines should be observed. Under some conditions excess electrical noise may make it necessary to filter any local power supplies.