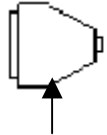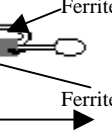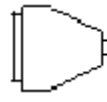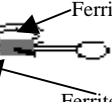## Mitsubishi <12> Mitsubishi Electric Corporation
Q Series (A Mode) CPU Direct Connection

Connection Method

Type	Connection Method	Distance
Using QC30R2 by Mitsubishi Electric Corporation *9-25pin Conversion Adapter is required.	GP Unit PLC 25 pin Male Mini DIN 9 pin Ferrite Core / Ferrite Core Holder / Conversion Adapter / QC30R2 by Mitsubishi	3
Using DQCABR2 by Diatrend	GP Unit PLC 25 pin Male Mini DIN 9 pin Ferrite Core / Ferrite Core Holder	Range between 1.5 and 15

NOTE	Attaching a Ferrite Core will reduce the amount of noise in your cable. Attach two Ferrite Cores to your cable, one at each end. Also, as shown in the drawing below, loop the cable once around the Ferrite Core. When using a data communication cable that is 3m (approx. 10 ft.) or longer, please use a cable made by Diatrend Corporation.

Recommended Products

Ferrite Core	E04SR301334 <Seiwa Electronics Corporation>
9-25 Conversion Adapter	ZA-403 <Roas Co.>

[Creating a 9-25 pin Conversion Adapter]

Connecter/Cover for GP	D-sub 25 pin Plug	XM2A-2501 <OMRON Co.>
	Cover for D-sub 25 pin	XM2S-2511 <OMRON Co.>
	Jack Screw	XM2Z-0071 <OMRON Co.>
Setscrew	Metric Coarse Screw Tread : M2.6 × 0.45	
Diagram	D-sub 25 pin Male D-sub 9 pin Male Lock-screw (mm) Lock nut (inch)	